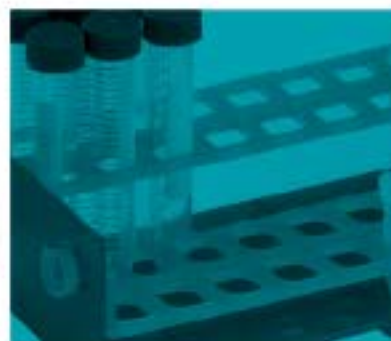




product catalog



Manufacturer of quality laboratory equipment and supplies





At Heathrow Scientific, we take pride in our broad product offering of lab essentials and equipment that we manufacture for research, clinical and industrial laboratories.

Our products are designed to solve problems, improve productivity, save space and deliver value.

Our in house engineering and industrial design team ensures items are distinctively made with functional style and bring a sleek and modern look, plus a spectrum of colors, to traditional lab environments.

The products we create and produce for the lab are not only reliable, but stimulate our customer to move beyond yesterday's way of thinking.

We stand by our product's quality while focusing on ways to continuously improve features to better serve our target markets. Our can-do attitude and customer-centric approach ensures we meet and exceed customer expectations.

Contact Heathrow Scientific for details on product private label opportunities.



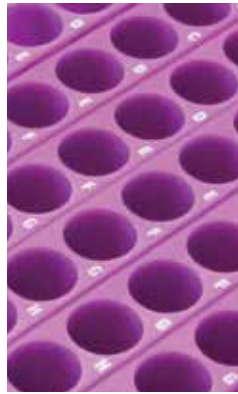















table of contents

| | | |
|---|-----------------------------------|---------|
|  | mixing and centrifugation | 4-9 |
|  | tube selection guide / tube racks | 10-27 |
|  | tube storage | 28-35 |
|  | pipetting | 36-43 |
|  | microscopy and histology | 44-49 |
|  | sample and blood collection | 50-59 |
|  | cryo | 60-71 |
|  | weighing | 72-75 |
|  | safety | 76-81 |
|  | microbiology | 82-85 |
|  | storage | 86-93 |
|  | sealing and labeling | 94-99 |
|  | notebooks and timers | 100-102 |
| | index | 103 |
| | product page reference | 104-105 |
| | charts and reference | 106-107 |

true north®

True North® lab essentials are manufactured specifically to withstand extremely low temperatures for cryogenics studies.

With a comprehensive product offering for working, labeling, transporting and storing of cryogenic materials, True North® products allow lab professionals to concentrate on their work without worrying about compromising valuable samples (pages 60-71).

droplet™

Droplet™ sample collection products are designed to help improve the quality of day-to-day work-flow through every stage.

From sample collection, process analysis, transport and storage we offer a variety of solutions that provide efficiency and safety while protecting against contamination (pages 50-59).





mixing and centrifugation

High-quality instruments, with advanced features for a vast range of protocols.



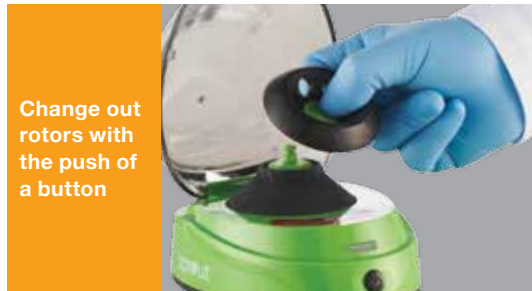
Sprout® Mini-Centrifuge

SnapSpin™ rotors for easy and fast exchange

The Sprout® is ideal for quick spin downs, micro-filter cell separations and HPLC samples. It is compact, easy to use and comes with a host of extras.

- Small footprint and quiet operation
- Palm-shaped lid, suitable for left or right handed users allows quick extraction of tubes
- Snapspin™ rotors are tool-free for a fast and easy exchange
- Weighted rubberized base eliminates potential movement and further dampens vibration and noise
- Suitable for worldwide voltages 110 to 240 V, supplied with 4 different plug adapters

| Part No. | Color |
|----------|--|
| HS120301 | Green ■ |
| HS120395 | Yellow ■ |
| HS120396 | Purple ■ |



Change out rotors with the push of a button

Specifications:

Maximum speed: Approx. 6,000 rpm (fully loaded)

Maximum RCF: 2000 x g

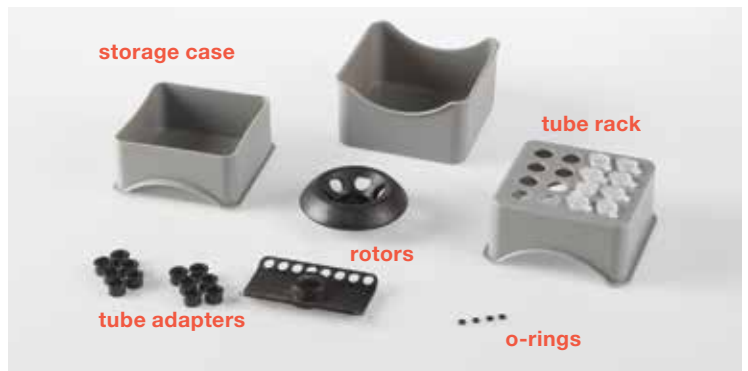
Power: 100 to 240 VAC 50/60 HZ 0.6A, Approx. 7.3 W

Dimensions: 153 x 128 x 104 mm

One-year warranty

Package includes:

- Sprout® mini-centrifuge
- 6 place 1.5/2.0 mL tube rotor
- 16 place 0.2 mL tube rotor (singles, or 2 x 8 strip)
- 6 tube adapters 0.2 mL
- 6 tube adapters 0.5 mL
- 4 O-rings
- Storage case for rotors and adapters
- Tube rack
- Low voltage, double insulated power adapter with 4 interchangeable plugs



Accessories and storage case included





Maximum speed with minimal space

This compact centrifuge is ideal for protocols calling for fast spins with a higher RCF requirement. Ideal for PCR[®], microfilter cell separation, clinical & diagnostic applications, and HPLC protocols.

- Compact footprint and brush-less motor for quiet operation and low vibration
- Select and set the digital speed display in RCF or rpm
- Sample imbalance and tilt safety cut out
- Safety interlock lid prevents opening while rotor is turning
- Back lit display showing time, speed and operational information on the same screen
- Quick-spin button for short spin requirements, press and hold to operate
- Suitable for worldwide voltages 110 to 240V, supplied with 4 different plug sets
- UV-Resistant plastic, increased useful life under harsh light conditions
- Double insulated, low voltage power supply
- Push button lid release
- Manual override allows user to open lid in case of power failure

Specifications:

Speed: 500–12,500 rpm

RCF: 15–9,800 Xg

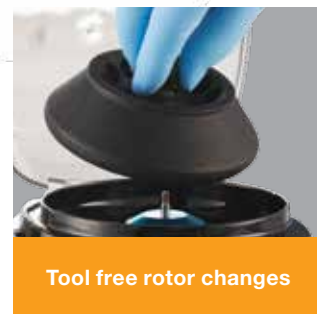
Power: 110 to 240 VAC, 50/60 Hz with 4 interchangeable power cords

Dimensions: 203 x 171 x 114 mm

Two-year warranty

Package includes:

- High-Speed Mini-Centrifuge
- 12 place 1.5/2.0 mL tube rotor
- 32 place 0.2 mL tube rotor (singles, or 4 x 8 Strip)
- 12 tube adapters 0.2 mL
- 12 tube adapters 0.5 mL
- Universal double insulated, power adapter 110–240V 50/60 Hz, with 4 interchangeable cord types



Tool free rotor changes

| Part No. | Description |
|----------|--|
| HS10050 | Gusto [®] , 110–240 VAC, 50/60 Hz |





sea★star®

digital orbital shaker

Compact and packed full of high-end design features making it a versatile shaker for a vast range of protocols

- No-stop electronic motor feedback, enables the unit to instantly adjust to weight load changes and unbalanced loads for truly reproducible results
- Suitable for use in incubators and cold rooms within the stated temperature range
- Soft-start and shut down feature reduces spill instances from full vessels
- A high weight loading of 4.5 kg, with an overload protection cut out
- Universal hi-lo platform and bungee cords allows you to create your own holding matrix for vessels of all shapes and sizes
- Back lit display is easy to read. Time and speed can be separately set
- Very low start speed for sensitive sample agitation, with a high top end and good stability for more vigorous applications
- Suitable for worldwide voltages 110–240 V, supplied with 4 different plug type

| Part No. | Description |
|----------|---|
| HS4010A | Sea Star® Digital Orbital Shaker, 110–240 VAC, 50/60 Hz |

Specifications:

- Speed range:** 20 to 300 rpm 1 rpm increments
- Orbit diameter:** 19.0 mm (0.75")
- Timer range:** 0 to 49 hours, 1 second increments or continuous
- Maximum load:** 4.5 kg (10 lbs.)
- Power:** 110 to 240 VAC, 50/60 Hz with 4 interchangeable plug adapters
- Ambient conditions:** 4° to 40°C; 20 to 80% RH, non-condensing
- Platform interior dimensions:** 279 mm W x 279 mm D
- Overall dimensions:** 314 mm W x 193 mm H x 305 mm D
- One-year warranty**



Bungee cords allows you to create your own holding matrix for vessels of all shapes and sizes

Package includes:

- Sea Star® shaker
- Universal hi-lo platform
- Skid-free rubber platform mat
- 8 bungee cords set
- Universal power adapter 110–240v 50/60 hz, with 4 interchangeable plug types





vortexer™
variable speed vortexing unit

Multi-purpose, maximum convenience

This sleek and modern designed vortex mixer is capable of meeting the mixing requirements of the most popular test tubes used in today's lab without the need to swap out mixing head units.

The innovative design makes maximum use of the space available, providing holding slots for no less than six different sizes of tube and a standard assay plate, while the center pad area can be used for quick hand-held mixing of a vast range of tubes and vessels.

- Variable speed rotary dial provides pre-set speed control (1000, 2000, 3000 rpm) during vortex mixing
- Stable elastomeric device feet, provide vibration dampening and prevent movement during operation
- Innovative head can be removed for cleaning purposes
- High impact ABS body shell

| Part No. | Power Supply | |
|----------|--|---|
| HS120209 | 110V – 120V, 50-60 Hz, 50 Watts, US/NA | ⏏ |
| HS120212 | 220V – 240V, 50-60 Hz, 40 Watts, CE | ⏏ |
| HS120214 | 220V – 240V, 50-60 Hz, 40 Watts, UK | ⏏ |
| HS120210 | 220V – 240V, 50-60 Hz, 40 Watts, AUS | ⏏ |
| HS120318 | 100V – 110V, 50-60 Hz, 52 Watts, Japan | ⏏ |

Specifications

Speed Range: Variable 1000-3000 rpm (shaking to vortexing)

Orbit: 3.7 mm

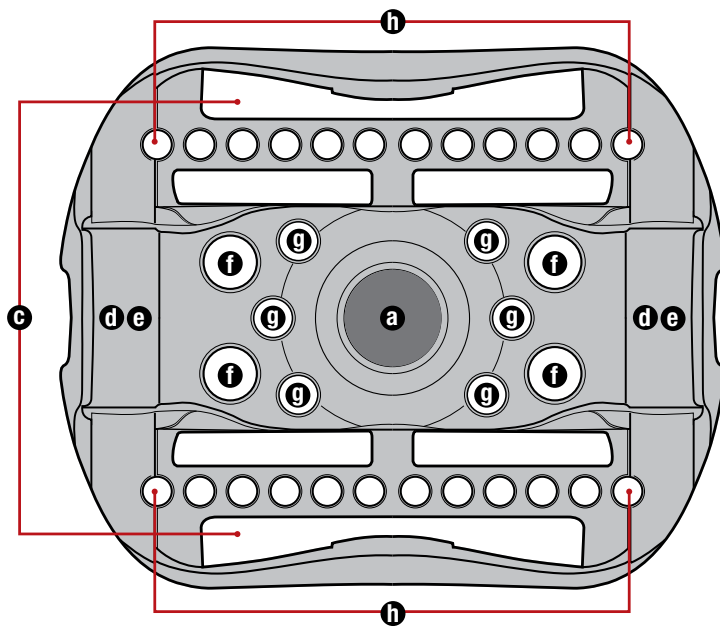
Control: 3 position slider — (top) intermittent, (middle) off, (bottom) continuous

Weight: 8.66 Lb/3.93 Kg

Dimensions: 171 W x 190 D x 197 H mm (with mixing head in place)

SGS-US-C, CE, CB Scheme, RoHS 2, PSE, and WEEE compliant

Two year warranty



6 Different sizes of tubes

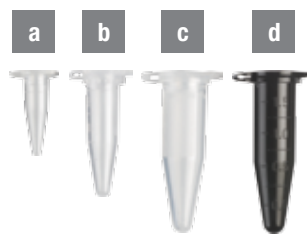
Including standard assay plate

| Mixing head holding capacity | |
|------------------------------|--|
| a | Center pad area for hand held mixing |
| | Assay plate x 1 (to be used with retention cords) |
| c | 50 mL conical tubes x 2 (horizontally mounted) |
| d | 15 mL conical tubes x 2 (horizontally mounted) |
| e | 5 mL tubes x 2 (horizontally mounted in the same retention space as 15 mL) |
| f | 1.5/2 mL microfuge tubes x 4 (vertically mounted) |
| g | 0.5 mL microfuge tubes x 6 (vertically mounted) |
| h | 0.2 mL microfuge tubes (strip tubes) x 24 (vertically mounted) |

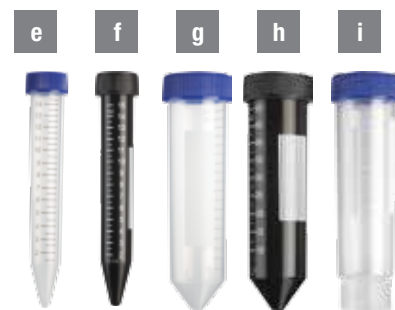
Microcentrifuge and Conical Centrifuge Tubes

Available in natural and pure black for light sensitive samples.

- Microtubes – 0.2, 0.5 and 1.5 mL
- Attached flat caps for easy one-handed use
- 0.2 mL is suitable for thermal cyclers
- 0.5 and 1.5 mL versions have a frosted writing area and a syringe pierceable cap
- 100% polypropylene
- **All are autoclavable (a-i)**
- **Disposable**



Certified DNase, RNase and Pyrogen free (a-d)



Skirted

Microcentrifuge Tubes

| | Part No. | Vol. | Dimensions | Graduations | Max RCF Rating | Pkg | Color |
|---|----------|--------|-----------------------------------|--------------------|----------------|--------------|---|
| a | HS4423 | 0.2 mL | od 6.9 mm closed height 22.20 mm | None | 15,000 x g | Bulk 1000/pk | Natural <input type="checkbox"/> |
| b | HS4422 | 0.5 mL | od 10.1 mm closed height 31.70 mm | 0.1, 0.3, 0.5 | 15,000 x g | Bulk 1000/pk | Natural <input type="checkbox"/> |
| c | HS4323 | 1.5 mL | od 12.9 mm closed height 40.30 mm | 0.1, 0.5, 1.0 | 16,400 x g | Bulk 500/pk | Natural <input type="checkbox"/> |
| d | HS4323K | 1.5 mL | od 13.4 mm closed height 40.06 mm | 0.1, 0.5, 1.0, 1.5 | 18,000 x g | Bulk 500/pk | Black <input checked="" type="checkbox"/> |
| d | HS4325 | 1.5 mL | od 12.9 mm closed height 40.20 mm | 0.1, 0.5, 1.0 | 16,400 x g | Bulk 1000/pk | Natural <input type="checkbox"/> |

Conical Centrifuge Tubes

| | Part No. | Vol | Dimensions | Graduations | Max RCF Rating | Pkg | Color |
|---|----------|-------|---------------------------------|-------------|----------------|---------------------------|--|
| e | HS4426B | 15 mL | OD 17 mm Length 120 mm | 0.5 mL | 11,000 x g | Bulk wrap sterile | 50/bag, 10 bags/case Natural <input type="checkbox"/> |
| | HS4426R | 15 mL | OD 17 mm Length 120 mm | 0.5 mL | 11,000 x g | Racked sterile | 50/rack, 10 racks/case Natural <input type="checkbox"/> |
| f | HS4428 | 15 mL | OD 17 mm Length 120 mm | 0.5 mL | 9,400 x g | Bulk wrap sterile | 50/bag, 10 bags/case Black <input checked="" type="checkbox"/> |
| g | HS4427B | 50 mL | OD 29 mm Length 114 mm | 5.0 mL | 9,500 x g | Bulk wrap sterile | 25/bag, 20 bags/case Natural <input type="checkbox"/> |
| | HS4427R | 50 mL | OD 29 mm Length 114 mm | 5.0 mL | 9,500 x g | Racked sterile | 25/rack, 20 racks/case Natural <input type="checkbox"/> |
| h | HS4429 | 50 mL | OD 29 mm + 0.3 mm Length 114 mm | 5.0 mL | 9,400 x g | Bulk wrap sterile | 25/bag, 20 bags/case Black <input checked="" type="checkbox"/> |
| i | HS4427S | 50 mL | OD 29 mm + 0.3 mm Length 114 mm | 5.0 mL | 9,500 x g | Bulk wrap sterile skirted | 25/bag, 20 bags/case Natural <input type="checkbox"/> |

Large capacity tubes – 15 and 50 mL (e-i)

- Lot-to-lot traceability with easy tear packaging
- Writing area and flat polyethylene lids for easy labelling
- Imprinted graduations and a self-standing version (only in clear bulk pack)
- Reusable card used for the racked versions, making them more environmentally friendly

Screw-top Tubes with O-ring Cap

Safer long-term storage.

- Screw-on polypropylene lids with TPE O-ring
- Clear polypropylene tubes provide excellent view of samples
- Skirted, self-standing base makes filling and retrieval easy
- **Autoclavable**
- **Disposable**



Frosted writing area



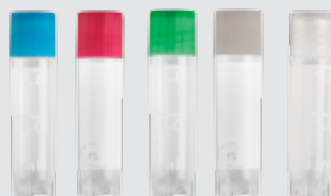
TPE O-ring to create an excellent seal for secure storage

| Part No. | Volume | Dimensions | Noted Graduations | Max RCF Rating | Bulk Wrap Sterile | Color |
|----------|--------|----------------------------------|-------------------|----------------|-------------------|----------------------------------|
| HS10060 | 2.0 mL | od 13.3 mm closed height 46.7 mm | 0.5, 1.0, 1.5 | 18,000 x g | 500/pk | Natural <input type="checkbox"/> |

true^{north}® Cryogenic Vials

Innovative design saves space in your freezer.

- Puncture/rupture-resistance polypropylene
- Silicone lid seal & patented lid with ergonomic 1.5 twist to open and close
- Printed writing area and graduations
- Sterile, non-pyrogenic, non-cytotoxic, DNase/RNase-free vials come with traceable sterility certificate. Packaged in resealable bags of 50 vials.
- Recommended for mechanical freezers and vapor phase LN₂ (-196°)
- **Disposable**



Patented easy-grip faceted lid

Certified DNase, RNase, Pyrogen free, and Cytotoxin free

| Part No. | Vol. | Dimensions | Pkg. | Color |
|----------|--------|------------------------------|--------|--|
| HS23202A | 2.0 mL | OD 12 mm closed height 49 mm | 500/cs | Assorted ■ ■ ■ ■ ■ * |
| HS23202N | 2.0 mL | OD 12 mm closed height 49 mm | | Natural <input type="checkbox"/> |

*Assorted colors: blue, red, green, purple, gray

Check out other great products specifically designed for cryogenic and cold storage applications on page 60



Tube Rack and Storage Selection Guide

Standard Tube Racks

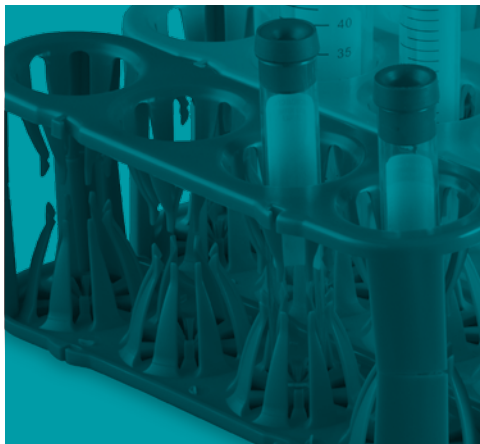
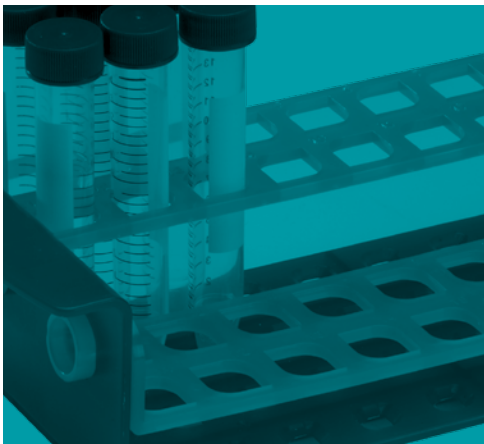
| Tube Vol. | 0.2 mL | 0.5 mL | 1.5/2.0 mL | 12 mL | | | 15 mL | | 50 mL | |
|-----------|---------------------------------|---------------------------------|--|-----------------------------------|--|--|---|-------------------------------|--|---------------------------|
| Tube Dia. | 6.3 mm | 7.8 mm | 10.9 mm | 10-13 mm | 13-16 mm | 16-17.5 mm | 18-20 mm | 25 mm | 30-33 mm | 60 mm |
| Wells | | | | | | | | | | |
| 1 | | | | | | | | | One Well pg. 19 | |
| 4 | | | | | | | | | Foam Rack pg. 19 MagRack pg. 27 | |
| 6 | | | | | | | Rota-Rack® pg. 18 | | | Bottle Rack pg. 26 |
| 8 | | | Floating Rack pg. 27 | | | | Floating Foam pg. 27 Rota-Rack® pg. 18 | | Wire Rack pg. 26 | |
| 9 | | | Rota-Rack® pg. 18 | | | | MagRack pg. 25 | | OneRack® pg. 14 Rota-Rack® pg. 18 | |
| 10 | | | | Rota-Rack® pg. 18 | | | | | | |
| 12 | | Rota-Rack® pg. 18 | | | | | | Wire Rack pg. 26 | Wire Rack pg. 26 Pop-up Rack pg. 23 | |
| 15 | | | Refrigerator Rack pg. 33 | | | | Wire Rack pg. 26 | | | |
| 16 | | Floating Rack pg. 27 | Floating Rack pg. 27 | | | | | OneRack® pg. 14 | | |
| 18 | | | Foam Rack pg. 27 | | | | | | | |
| 20 | | | Floating Rack pg. 27 Tube Rack 20-well pg. 21 | | | | OneRack® pg. 14 | | | |
| 21 | | | | | | | Pop-up Rack pg. 23 | | | |
| 24 | | | Microtube Racks pg. 18 Roam Rack pg. 27 | | | | | | OneRack® pg. 14 | |
| 32 | Rota-Rack® pg. 18 | | | | | | | | | |
| 36 | | | | OneRack® pg. 14 | OneRack® pg. 14 | | | | | |
| 40 | | | | | | 5 mL/15 mL 16 mm Tube Rack pg. 13 | OneRack® pg. 14 Fold & Snap Rack pg. 27 | One Rack® pg. 14 | | |
| 48 | | Rota-Rack® Duo pg. 17 | | | | | | | | |
| 50 | | | Refrigerator Rack pg. 33 | | Grabrack pg. 26 Peg Rack pg. 17 | | | Wire Rack pg. 26 | Wire Rack pg. 26 | |
| 60 | | | | | | Fold & Snap Rack pg. 27 | | | | |
| 72 | | | | OneRack® pg. 14 | OneRack® pg. 14 Wire Tube Rack | | | | | |
| 80 | | | Microtube Rack 80 well pg. 20 | | | | | | | |
| 90 | | | | Fold & Snap Rack pg. 27 | | | | | | |
| 96 | Rota-Rack® Duo pg. 17 | | Microtube Racks pg. 18 Rota-Rack® Duo pg. 17 | | Peg Rack pg. 17 | | | | | |
| 108 | | | | | Wire Rack pg. 26 | | | | | |
| 120 | | | | | Megarack pg. 25 | | | | | |
| 216 | | | | Megarack pg. 25 | | | | | | |
| 240 | | | | | Megarack pg. 25 | | | | | |
| 432 | | | | Megarack pg. 25 | | | | | | |

1. Search by diameter on the horizontal axis
2. Search by number of wells on the vertical axis
3. Find the suggested tube rack and page number
4. Go to product page for more information

Tube Storage Box ■ = Cryo
PP = Polypropylene
CRD BRD BX. = Cardboard Box

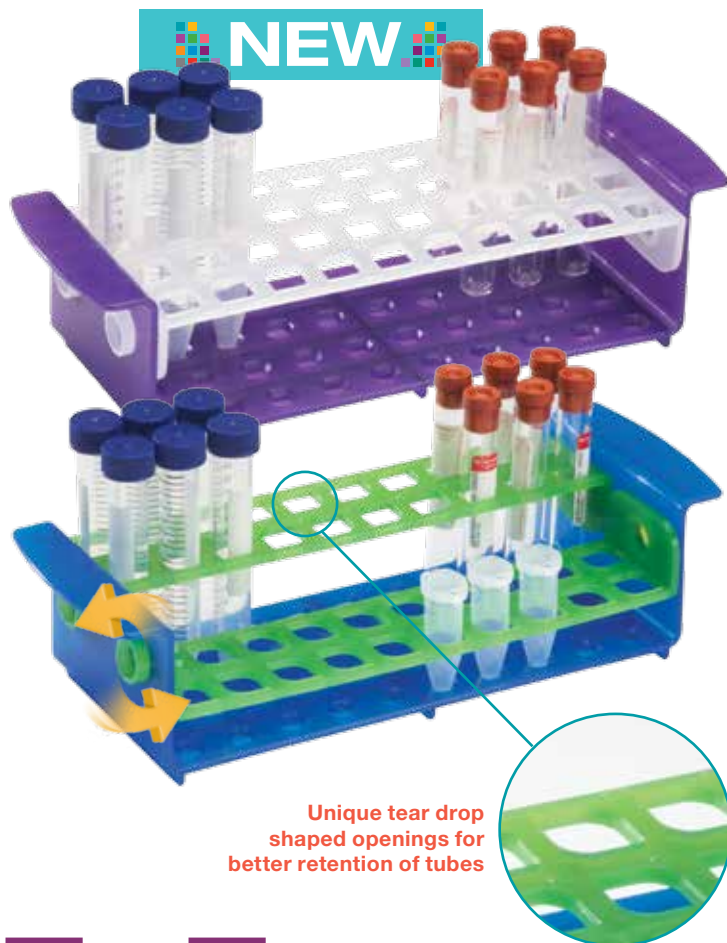
Multi-tube Size Racks

| Tube Vol. | 0.2 mL | 0.5 mL | 1.5/2.0 mL | 5.0 mL | 12 mL | | 15 mL | 50 mL |
|-------------|--|------------------------------------|---|---|----------------------------|---|--|--|
| Tube Dia. | 6.3 mm | 7.8 mm | 10.9 mm | | 10-13 mm | 13-16 mm | 18-20 mm | 30-33 mm |
| Wells | | | | | | | | |
| 4 | | | Puzzle Rack pg. 22 | Adapt-a-Rack™ pg. 22 | | | Adapt-a-Rack™ pg. 22 | 4-way Rack pg. 24 Adapt-a-Rack pg. 22 Cube Rack pg. 24 Puzzle Rack pg. 22 |
| 8 | | | Puzzle Rack pg. 22 | | | | | |
| 9 | | | | | | | Puzzle Rack pg. 22 | |
| 10 | | | | | | | Cube Rack pg. 24 | |
| 12 | | | 3-way Rack pg. 20 | | cube rack pg. 24 | | 4-way Rack pg. 24 Universal Rack pg. 23 | Universal Rack pg. 23 |
| 14 | | 3-way Rack pg. 20 | | | | | | |
| 16 | | | Cube Rack pg. 24 | | | | | |
| 20 | | | | | | | | Fold and Snap pg. 27 |
| 24 | 3-way Rack pg. 20 | | | | | | | |
| 30 | | | | | | | Fold and Snap pg. 27 | |
| 32 | | 4-way Rack pg. 24 | 4-way Rack pg. 24 | | | | | |
| 64 | | | TracRack™ pg. 13 | | | | | |
| 96 | | TracRack™ pg. 13 | | | | | | |
| 5x5 (25) | | | Arctic Squares Box pg. 31 | Corrugated PP pg. 29 | | | | |
| 9 | | | | | | | | Trns. Cube Rack pg. 33 |
| 16 | | | | | | | Corrugated PP pg. 29 Trns. Cube Rack pg. 33 | Crd Brd Cryogenic Box pg. 30 |
| 6x6 (36) | | | | | | | Crd Brd Cryogenic Box pg. 30 | Corrugated PP pg. 29 |
| 40 | | PCR® Reversible Rack pg. 20 | | 5 mL/15 mL 16 mm Tube Rack pg. 13 | | | 5 mL/15 mL/ 16 mm Tube Rack pg. 13 | |
| 50 | | | 50-well Microtube Bx. pg. 34 | | | | | |
| 8x8 (64) | | Work 2 Store® pg. 16 | Work 2 Store® pg. 16 | | | Crd Brd Cryogenic Bx. pg. 30 | | |
| 9x9 (81) | | Corrugated PP pg. 29 | Arctic Squares Box pg. 31 81-Well Microtube Bx pg. 34 2" Thin Film Bx pg. 29 Corrugated PP pg. 29 | Arctic Squares Box pg. 31 | | | | |
| 10x10 (100) | | Crd Brd Microtube Bxs pg.30 | 100-well Microtube Box pg. 34 Crd Brd Cryogenic Box pg. 30 | Arctic Square Bx. pg. 31 Crd Brd Cryogenic Box pg. 30 | | | | |
| 96 | Work 2 Store® pg. 16 PCR® racks pg. 21 | | Reversible Racks 96-well pg.21 | | | | | |
| 12x12 (144) | Corrugated PP pg. 29 | | | | | | | |
| 168 | Crd Brd Microtube Bxs pg.30 PCR® Racks pg. 20 | | | | | | | |



tube racks

Standard, adaptable, interlocking racks and everything in between.



Unique tear drop shaped openings for better retention of tubes

tracrack[®]

TracRack[®]

Take what you need and store the rest

- Segments box made of polypropylene
- Eight segments per box
- 1.5 -2.0 mL cryo and micro-centrifuge tubes (64 tubes)
- A cryogenic vial lock for one-handed cap removal

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|--|------|----------|
| HS120356 | 1.5/2.0 mL | 64 | 12.3 mm | 5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm) | 1/ea | Purple ■ |

TracRack[®] Micro

- Segments box made of polypropylene
- Eight reversible segments per box
- 64 x 0.5 mL tubes, 96 x 0.2 mL micro tubes, or a combination of both

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------------|----------|------------------|--|------|--------------|
| HS120357 | 0.2 mL 0.5 mL | 64 96 | 5.1 mm 7.8 mm | 5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm) | 1/ea | Lt. Purple ■ |

TracRack[®] Outer Box

- Made from thin film polypropylene material
- Store down to temperatures of -80°C
- Moisture resistant, significantly reducing the chance of mold
- Removable segments allow outer shell to be used for storage of other small laboratory products
- 2 in. (5.3 cm) boxes fit in standard freezer racks

5 mL/15 mL/16mm Test Tube Rack

Rotate with ease to accommodate your needs

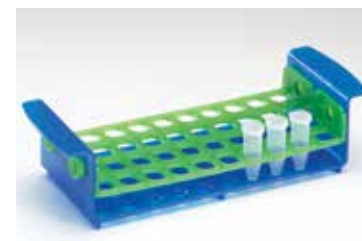
This multi-purpose rack is designed with the flexibility to hold 20 - 5 mL and 20 - 15 mL tubes OR to hold 40 - 5 mL or 40 - 15 mL tubes. The rack incorporates two moving hinged upper shelves that can be rotated to an up or down position to accommodate the size of the tube being used. In addition, the rack can also hold clinical tubes of a similar diameter (16 mm) and height.

- Rack holds 5 or 15 mL tubes (or tubes up to 16 mm in diameter) or a combination of 20 - 5 mL or 15 mL tubes.
- Unique tear drop shaped openings (top tray) for better retention of tubes
- Ergonomic handles for ease of use
- Imprinted grid on both sides of the upper shelves for quick identification and retrieval
- Shelves can be easily rotated to accommodate the different size tubes

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|---------|-------|-----------|---|------|-----------------------|
| HS120167 | 5/15 mL | 40 | 17 mm | 12.16 x 4.21 x 3.03 in (30.9 x 10.7 x 7.7 cm) | 1/ea | Purple ■ Natural □ |
| HS120467 | 5/15 mL | 40 | 17 mm | 12.16 x 4.21 x 3.03 in (30.9 x 10.7 x 7.7 cm) | 1/ea | Green ■ Blue ■ |



Rotate one or both segments up to hold 15 mL or clinical tubes



Rotate one or both segments down to hold 5 mL tubes



One rack[®]

test tube rack

Tough and more highly resistant to acids, bases, solvents and heat

One**rack**[®] durable racks are molded in a single, continuous piece so no assembly required and there are no detachable pieces.

Delrin[®] Fiberglass-Reinforced Polyoxymethylene (POM)

- Offers the highest chemical and heat resistance (-40 to +140°C)
- Available in half and full rack sizes for 5 different tube diameters
- **Autoclavable**

Polypropylene

- Offers good chemical and heat resistance (0 to 110°C)
- Available in half and full rack sizes for 2 different tube diameters
- **Not recommended for autoclaving**

Both Rack Materials

- Have molded coordinates for tube orientation
- Stable design for use in water baths
- Flat labeling area for easier identification



Compact half-size racks



Full-size racks

Full-Size Delrin®

| Part No. | Tubes | Wells | Well Dia. | L x W x H | | Pkg. | Color | |
|----------|------------|-------|-----------|---------------------|------------------------|-------|---------|-------------------------------------|
| HS27511A | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 2.3 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27512A | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27513A | 10 - 18 mL | 40 | 20 mm | 9.9 x 3.9 x 3.2 in | (25.2 x 10 x 8.3 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27514A | 10 - 18 mL | 40 | 25 mm | 11.8 x 4.7 x 3.6 in | (30 x 12 x 9.2 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27515A | 15 - 50 mL | 24 | 30 mm | 11.1 x 4.3 x 3.3 in | (28.2 x 11 x 8.5 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27511B | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 2.3 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27512B | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27513B | 10 - 18 mL | 40 | 20 mm | 9.9 x 3.9 x 3.2 in | (25.2 x 10 x 8.3 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27514B | 10 - 18 mL | 40 | 25 mm | 11.8 x 4.7 x 3.6 in | (30 x 12 x 9.2 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27515B | 15 - 50 mL | 24 | 30 mm | 11.1 x 4.3 x 3.3 in | (28.2 x 11 x 8.5 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27511C | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 2.3 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27512C | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27513C | 10 - 18 mL | 40 | 20 mm | 9.9 x 3.9 x 3.2 in | (25.2 x 10 x 8.3 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27514C | 10 - 18 mL | 40 | 25 mm | 11.8 x 4.7 x 3.6 in | (30 x 12 x 9.2 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27515C | 15 - 50 mL | 24 | 30 mm | 11.1 x 4.3 x 3.3 in | (28.2 x 11 x 8.5 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27511D | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 2.3 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27512D | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27513D | 10 - 18 mL | 40 | 20 mm | 9.9 x 3.9 x 3.2 in | (25.2 x 10 x 8.3 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27514D | 10 - 18 mL | 40 | 25 mm | 11.8 x 4.7 x 3.6 in | (30 x 12 x 9.2 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27515D | 15 - 50 mL | 24 | 30 mm | 11.1 x 4.3 x 3.3 in | (28.2 x 11 x 8.5 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS120205 | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 2.3 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |
| HS120206 | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |
| HS120207 | 15 - 50 mL | 24 | 30 mm | 11.1 x 4.3 x 3.3 in | (28.2 x 11 x 8.5 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |

Half-Size Delrin®

| Part no. | Tubes | Wells | Well Dia. | L x W x H | | Pkg. | Color | |
|----------|------------|-------|-----------|--------------------|------------------------|-------|---------|-------------------------------------|
| HS27501A | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27502A | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27503A | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27504A | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27505A | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27501B | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27502B | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27503B | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27504B | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27505B | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27501C | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27502C | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27503C | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27504C | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27505C | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27501D | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27502D | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27503D | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27504D | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27505D | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS120398 | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |
| HS120399 | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |

Full-Size Polypropylene

| Part No. | Tubes | Wells | Well Dia. | L x W x H | | Pkg. | Color | |
|----------|-----------|-------|-----------|------------------|------------------------|-------|---------|-------------------------------------|
| HS27551A | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 5.9 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27552A | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27551B | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 5.9 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27552B | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27551C | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 5.9 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27552C | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27551D | 5 - 10 mL | 72 | 13 mm | 7.9 x 4 x 5.9 in | (20.2 x 10.4 x 5.9 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27552D | 5 - 10 mL | 72 | 16 mm | 9.8 x 5 x 2.7 in | (25 x 12.7 x 7 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |



work2 store®

Expanding storage boxes Single rack, double function

Reduce sample handling time and the need for several racks when working with samples for cold temperature storage.

Patented opening and closing mechanism allows the rack to expand, creating needed room for sample manipulation.

When done, simply collapse the rack back to its compact form and it's ready for the freezer.

Two versions available, the original for holding 1.5/2.0 mL cryo and micro tubes and the new micro reversible version for holding 0.5 mL and 0.2 mL tubes. (See below)

- Instantly creates more working space
- Helps reduce potential cross contamination
- Stops opened microfuge lids from interfering with other wells
- Stackable, with alphanumeric well identifications
- Will fit into standard 2" (53 mm) freezer racking
- Temperature range -80 to 121°C

Work2Store®

- Clear lid locks the rack together for safe handling and transportation
- Wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one handed cap removal
- Holds 64 x 1.5/2.0 mL cryo and/or micro tubes
- **Autoclavable**



| Part No. | Tubes | Wells | Well Dia. | L x W x H open (31 x 12.8 x 3.35 cm) | Pkg. | Color |
|-----------------|------------|-------|-----------|---|------|--------------------------------|
| HS120018 | 1.5/2.0 mL | 64 | 12.3 mm | L x W x H closed - with lid 5.2 x 5.2 x 2 in (13.3 x 13.8 x 5.3 cm) | 1/ea | White <input type="checkbox"/> |

Work2Store® micro

- 0.2 mL tube side has been configured to work with 8 strip, 12 strip or single tubes
- Low profile clear lid fits either side and locks the rack together for safe handling and transportation
- **Autoclavable**

Rack will hold 64 x 0.5 mL micro tubes on one side and 96 x 0.2 mL — micro tubes on the other side



| Part No. | Tubes | Wells | Well Dia. | L x W x H open (31 x 12.8 x 3.1 cm) | Pkg. | Color |
|-----------------|-------|--------|-----------|---|------|--------------------------------|
| HS120183 | 64 | 0.5 mL | 7.8 mm | 12.2 x 5 x 1.2 in (31 x 12.8 x 3.1 cm) | 1/ea | White <input type="checkbox"/> |
| | 96 | 0.2 mL | 5.1 mm | L x W x H closed - with lid 5.2 x 5.2 x 1.8 in (13.3 x 13.3 x 4.8 cm) | | |



SEE PAGE 71 for cryo vials

Peg Racks

Strong, tough, versatile racks for bench or tube storage

Fiberglass-reinforced polypropylene racks are ideal for bench work or tube storage.

- Made from polypropylene
- Spacious peg design allows easy viewing of tube contents
- Use as a drying rack for glass plates or upside-down tubes
- Pegs remain straight even after repeated autoclaving
- Embossed indexing, ribbed grips, and drainage holes
- **Autoclavable**

| Part No. | Tubes | Pegs | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|-------|------|------------|---|------|--|
| HS24311A | 10 mL | 50 | 14–17 mm | 7.4 x 4.1 x 2.71 in (18.8 x 10.4 x 6.9 cm) | 2/pk | White <input type="checkbox"/> |
| HS24311B | 10 mL | 50 | 14–17 mm | 7.4 x 4.1 x 2.71 in (18.8 x 10.4 x 6.9 cm) | 2/pk | Blue <input checked="" type="checkbox"/> |
| HS24312A | 7 mL | 96 | 10–13 mm | 3.2 x 4.96 x 2.71 in (8.2 x 12.6 x 6.9 cm) | 2/pk | White <input type="checkbox"/> |
| HS24312B | 7 mL | 96 | 10–13 mm | 3.2 x 4.96 x 2.71 in (8.2 x 12.6 x 6.9 cm) | 2/pk | Blue <input checked="" type="checkbox"/> |



Rota-Rack® Duo

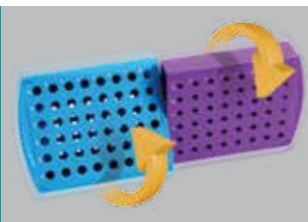
Dilution and concentration studies made easy

- Made from polypropylene
- Transfer solutions between 0.2 mL PCR® tubes and 0.5 and 1.5 mL micro centrifuge tubes
- Rotate and customize to suit your application needs. 4 combinations possible
- Blue section holds 48 x 0.5 mL and 48 x 1.5 mL microcentrifuge tubes on the reverse side
- Purple section holds 96 x 0.2 mL tubes in a standard array pattern and 48 x 1.5 mL tubes on the reverse side
- Tapered wells securely suspend tubes and makes removal easy
- Alphanumeric well identification
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|--|------|---|
| HS29041A | 0.2 mL | 96 | 5.0 mm | 11.6 x 4.6 x 1.33 in (29.6 x 11.8 x 3.4 cm) | 1/ea | Blue/Purple <input checked="" type="checkbox"/> |
| | 0.5 mL | 48 | 8.0 mm | | | |
| | 1.5/2.0 mL | 96 | 11 mm | | | |



Rotate and customize to suit your application needs



Cryogenic Vial Holders

Safely store and transport cryogenic vials

- Made from polycarbonate—can withstand cryogenic freezing down to -196°C
- Well tabs allow one-handed opening and closing of vials that have a slot feature
- Embossed index numbers and squared, upper left corner provide easy orientation
- Ribbed grips make handling with gloves easier
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|--------|-------|------------|---|------|--|
| HS23229B | 2-5 mL | 50 | 12.9 mm | 4.1 x .79 x 0.9 in (10.5 x 2 x 2.3 cm) | 4/pk | Blue <input checked="" type="checkbox"/> |



Rota-Rack® Tube Racks

Get organized with this fun, interlocked rack

- Made from polypropylene
- Rotate each of the four modules independently to configure for the tubes that you want to use.
- Suitable for a massive variety of culture, centrifuge, micro centrifuge, round, flat or conical bottomed tubes
- Two versions to accommodate small and large tubes
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color | | |
|-----------------|------------|-------|------------|---|------|-----------------------------|--|--|
| | | | | | | | | |
| HS29040A | 50 mL | 2 | 29 mm | 8.81 x 4.33 x 4.33 in (22.4 x 11 x 11 cm) | 1/pk | Yellow, Green, Blue, Purple | | |
| | 10-15 mL | 8 | 20 mm | | | | | |
| | 15-20 mL | 6 | 16.0 mm | | | | | |
| | 10-13 mL | 10 | 13.5 mm | | | | | |
| HS29040B | 15 mL | 6 | 16.4 mm | 8.2 x 3.9 x 3.9 in (21 x 10 x 10 cm) | 1/pk | Yellow, Green, Blue, Purple | | |
| | 1.5/2.0 mL | 9 | 11.2 mm | | | | | |
| | .5 mL | 12 | 8.0 mm | | | | | |
| | .2 mL | 32 | 6.5 mm | | | | | |



Twist and turn to suit your application



Microtube Tube Racks

- Made from reinforced nylon
- Superior, chemical- and heat-resistance
- Handles provide easy and safe transportation
- Stackable two formats available for smaller and larger requirements
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|------------|--------------------------------------|------|--------------------------------|
| HS120241 | 1.5/2.0 mL | 24 | 11.1 mm | 5.6 x 3.5 2 in (14.3 x 9 x 5.2 cm) | 8/pk | Blue |
| HS120242 | 1.5/2.0 mL | 24 | 11.1 mm | 5.6 x 3.5 2 in (14.3 x 9 x 5.2 cm) | 8/pk | White <input type="checkbox"/> |
| HS120243 | 1.5/2.0 mL | 96 | 11.1 mm | 8.2 x 5.1 x 2.1 (21 x 13.1 x 5.4 cm) | 4/pk | Blue |
| HS120244 | 1.5/2.0 mL | 96 | 11.1 mm | 8.2 x 5.1 x 2.1 (21 x 13.1 x 5.4 cm) | 4/pk | White <input type="checkbox"/> |

Snap-Together Conical Tube Rack

- Use 15 and 50 mL tubes simultaneously
- Shipped flat, easy-to-assemble ABS racks snap together securely
- Designed for stable use in water baths
- Alphanumeric grid reference aids for tube identification
- *Not recommended for autoclaving*

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------------|-------|-------|------------|----------------------|-------|----------|
| HS24306 | 15 mL | 30 | 17 mm | 8.1 x 6.7 x 2.4 in | 8/pkg | Orange ■ |
| | 50 mL | 20 | 28 mm | (17.1 x 17 x 6.1 cm) | | |



One-Well Tube Racks

Tube holders for small space requirements

- Both racks hold conical and round bottom tubes

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|-------|-------|------------|-----------------------|----------------------|----------------|
| HS23051 | 50 mL | 1 | 29 mm | 3.54 x 2.63 x 2.63 in | (9.0 x 6.7 x 6.7 cm) | 5/pkg Yellow ■ |
| HS23053A | 50 mL | 1 | 29 mm | 3.62 X 1.18 in | (9.2 x 3.0 cm) | 5/pkg Blue ■ |

Wire (HS23051):

- Epoxy-coated steel
- Base ring keeps tubes in place
- Low temperature -40°C
- **Autoclavable**

Friction-Fit (HS23053A):

- Made from polystyrene
- Slides smoothly across the benchtop
- **Not recommended for autoclaving**

One-Well Connecting Tube Racks

- Made of polypropylene
- Form a line of 50 mL tubes, or use as a single, stand-alone rack.
- Molded circular base ring keeps conical or round-bottom tubes in place

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------------|-------|-------|------------|---------------------|-------|------------|
| HS23052 | 50 mL | 1 | 29 mm | 3.2 x 2.8 x 2.63 in | 5/pkg | ■ ■ ■ ■ ■* |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)



Microtube Racks 80-Well

Popular fraction-collector-plate style rack

- Made of polypropylene
- Easily fill and transfer 80 tubes in compact arrangement compact arrangement (5 x 16 array)
- Molded-in coordinates to aid organization
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|------------|-------|-----------|--|------|--|
| HS29025A | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Natural <input type="checkbox"/> |
| HS29025B | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Blue <input type="checkbox"/> |
| HS29025C | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Green <input type="checkbox"/> |
| HS29025D | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Pink <input type="checkbox"/> |
| HS29025E | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Yellow <input type="checkbox"/> |
| HS29025F | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Orange <input type="checkbox"/> |
| HS29025G | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| HS29025J | 1.5/2.0 mL | 80 | 11 mm | 8.9 x 2.6 x 1 in (22.5 x 6.7 x 2.8 cm) | 5/pk | Red <input type="checkbox"/> |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)

SEE PAGE 91 for acrylic holder for microtube racks

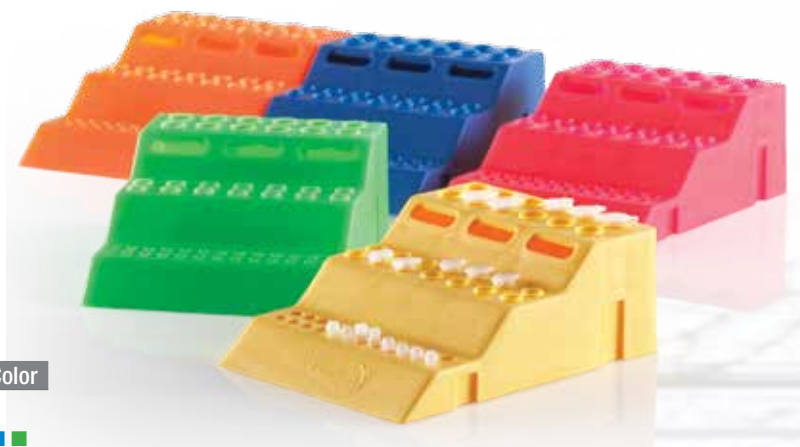
3-Way Racks

Tiered interlocking racks make sample transfer easier and increases storage

- Made of polypropylene
- Finger slots are molded into the rack for easy pickup and moving
- Racks connect to one another on either end
- Lowest level holds individual 0.2 mL tubes or strips of 8 or 12 tubes
- Middle tier holds 0.5 mL tubes
- Top tier holds 1.5 mL tubes
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|------------|-------|-----------|---|------|---|
| HS4289B | 0.2 mL | 24 | 6.3 mm | 6.4 x 4.8 x 2.4 in (16.4 x 12.3 x 6.2 cm) | 6/pk | <input type="checkbox"/> <input type="checkbox"/> |
| | 0.5 mL | 14 | 7.8 mm | 6.4 x 4.8 x 2.4 in (16.4 x 12.3 x 6.2 cm) | 6/pk | <input type="checkbox"/> <input type="checkbox"/> |
| | 1.5/2.0 mL | 12 | 11 mm | 6.4 x 4.8 x 2.4 in (16.4 x 12.3 x 6.2 cm) | 6/pk | <input type="checkbox"/> <input type="checkbox"/> |

*Assorted colors (Blue, Green, Natural, Pink, Yellow, Orange)



PCR® Racks Reversible

Removable hinged lid fits both sides

- PCR® side of the rack holds 8 or 12 x 0.2 mL tube strips or individual tubes
- Reverse side holds 0.5 mL tubes
- Both sides of the rack have 12 wells for 1.5 mL tubes
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|------------|-------|-----------|--|------|---|
| HS2344A | 0.2 mL | 168 | 5.5 mm | 8.11 x 5.16 x 2.13 in (20.6 x 13.1 x 5.4 cm) | 5/pk | <input type="checkbox"/> <input type="checkbox"/> |
| | 0.5 mL | 40 | 7.6 mm | 8.11 x 5.16 x 2.13 in (20.6 x 13.1 x 5.4 cm) | 5/pk | <input type="checkbox"/> <input type="checkbox"/> |
| | 1.5/2.0 mL | 12 | 11.4 mm | 8.11 x 5.16 x 2.13 in (20.6 x 13.1 x 5.4 cm) | 5/pk | <input type="checkbox"/> |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)





Reversible Racks 96-Well

Easy-to-grasp tabs for sample handling and storage

96 wells for 0.5 mL tubes on one side and 96 wells for 1.5/2.0 mL tubes on the reverse side.

- Made of polypropylene
- Wells are arranged in standard 8 x 12 array
- Tabs on each end of rack snap lid into place
- 0.5 mL wells separated by molded-in grid lines, making them easier to see
- Raised rings around the 1.5 to 2.0 mL wells make tubes easier to remove
- **Autoclavable**

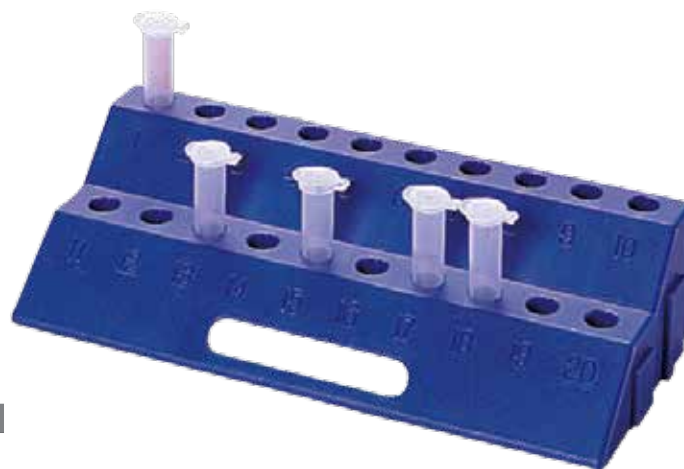
| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|-------------------|-------|-----------|---------------------------------------|------|--|
| HS2345A | 1.5/2.0 mL 0.5 mL | 96 | 11 / 7.6 | 9.6 x 4.7 x 2 in (24.6 x 12.1 x 5 cm) | 5/pk | Assorted colors (Blue, Green, Pink, Yellow, Orange)* |
| HS2345B | 1.5/2.0 mL 0.5 mL | 96 | 11 / 7.6 | 9.6 x 4.7 x 2 in (24.6 x 12.1 x 5 cm) | 5/pk | Natural |
| HS2345C | 1.5/2.0 mL 0.5 mL | 96 | 11 / 7.6 | 9.6 x 4.7 x 2 in (24.6 x 12.1 x 5 cm) | 5/pk | Blue |
| HS2345D | 1.5/2.0 mL 0.5 mL | 96 | 11 / 7.6 | 9.6 x 4.7 x 2 in (24.6 x 12.1 x 5 cm) | 5/pk | Green |
| HS2345E | 1.5/2.0 mL 0.5 mL | 96 | 11 / 7.6 | 9.6 x 4.7 x 2 in (24.6 x 12.1 x 5 cm) | 5/pk | Pink |
| HS2345F | 1.5/2.0 mL 0.5 mL | 96 | 11 / 7.6 | 9.6 x 4.7 x 2 in (24.6 x 12.1 x 5 cm) | 5/pk | Yellow |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)

Tube Rack 20-Well

Interlock multiple racks to increase tube storage

- Made of polypropylene
- Easily remove tubes using finger slot on front of the rack
- Racks have large molded coordinates for easy tube identification
- Bi-level rack enables easy tube label identification
- **Autoclavable**



| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|--------|-------|-----------|---|------|-------|
| HS4284A | 0.5 mL | 20 | 10 mm | 0.839 x 3.54 x 1.97 in (21.1 x 9 x 5 cm) | 6/pk | Blue |
| | 1.0 mL | | | | | |
| | 1.5 mL | | | | | |
| | 2.0 mL | | | | | |

PCR® Racks 96-Well

Perfect for pre- or post-PCR® sampling

- Made of polypropylene
- Accommodates individual tubes or strips
- Removable hinged lid lies flat
- Tube wells are easily identified with embossed numbers and letters
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------|--------|-------|------------|---------------------------------------|------|--|
| HS23461A | 0.2 mL | 96 | 5.2 mm | 5 x 3.86 x 1.2 in (13 x 9.8 x 3.3 cm) | 5/pk | Assorted colors (Blue, Green, Pink, Yellow, Orange)* |
| HS23461B | 0.2 mL | 96 | 5.2 mm | 5 x 3.86 x 1.2 in (13 x 9.8 x 3.3 cm) | 5/pk | Natural |
| HS23461C | 0.2 mL | 96 | 5.2 mm | 5 x 3.86 x 1.2 in (13 x 9.8 x 3.3 cm) | 5/pk | Blue |
| HS23461D | 0.2 mL | 96 | 5.2 mm | 5 x 3.86 x 1.2 in (13 x 9.8 x 3.3 cm) | 5/pk | Green |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)



PCR® is a registered trademark of Hoffman-LaRoche Inc.



Adapt-a-Rack™ Flexible multi-tube rack

Each slot adapts to accommodate 12 mm–30 mm (5 mL–50 mL) tubes sizes and holds them in a firm upright position.

- Made of POM
- Racks can be linked together for additional holding capacity
- Open sides allow for label viewing
- Flat base to hold tubes upright
- Available in solid or a combination of colors for easy coding identification
- **Autoclavable**



Available in solid or a combination of colors



Holds **different size tubes** in each slot

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Rack #1 Color | Rack #2 Color |
|----------|-----------|-------|------------|--|------|---------------|---------------|
| HS120184 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Blue/Green | Green/Blue |
| HS120185 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Blue/Yellow | Yellow/Blue |
| HS120186 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Pink/White | White/Pink |
| HS120187 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Blue/Blue | Blue/Blue |
| HS120188 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | White/White | White/White |
| HS120189 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Pink/Pink | Pink/Pink |
| HS120190 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Yellow/Yellow | Yellow/Yellow |
| HS120191 | 5 – 50 mL | 4 | 12 – 30 mm | 7.12 x 2.20 x 3.0 in (18.1 x 5.6 x 7.6 cm) | 2/pk | Green/Green | Green/Green |



Racks link together

Puzzle Rack Fun and functional racks slide to connect

- Made of polypropylene
- Two-sided puzzle-shaped pieces hold an assortment of 1.5/2.0, 15 and 50 mL test tubes
- Pieces can be used separately for small sample applications or connect in a square or row configurations
- Imprinted references aid easy identification of tubes
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H (expanded) | Pkg. | Color |
|----------|-------------|-------|------------|---|------|-----------|
| HS29060A | 15 mL | 9 | 16.9 mm | 5.9 x 5.31 x 2.59 in (15.1 x 13.5 x 6.6 cm) | 4/pk | ■ ■ ■ ■ * |
| | 50 mL | 4 | 29.5 mm | | | |
| | 1.5/ 2.0 mL | 8/4 | 11.7 mm | | | |

*Assorted colors (Yellow, Blue, Green, Orange)



Universal Tube Rack

Ideal for holding a wide range of tubes

- Made of polypropylene
- Holds up to 12 similar size tubes
- Imprinted references for easy identification
- Side handles for easy transport
- **Not recommended for autoclaving**

| Part no. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|----------|-------|-----------|--|------|--------------------|
| HS24330A | 15-50 mL | 12 | 16-30 mm | 7.6 x 5.5 x 2 in (19.4 x 14 x 5.1 cm) | 1/ea | Blue/Purple ■ ■ |



Adjustable slot adapts to different diameter tubes



Pop-Up™ Racks

Collapse for compact storage and “pop-up” for quick use

- Made of polypropylene
- Easy to open — easy to close
- Designed to help organize 15 and 50 mL tubes
- Imprinted grid aids quick retrieval
- Stack racks in open or closed position
- Saves space when racks are not in use
- **Not recommended for autoclaving**



Easy to open



Easy to close

| Part No. | Tubes | Wells | Wells Dia. | L x W x H (Expanded) | L x W x H (Collapsed) | Pkg. | Color |
|-----------------|----------------|----------|----------------|--|--|------|----------|
| HS24320B | 15 mL 50 mL | 21 12 | 17 mm 30 mm | 10 x 5.39 x 2.83 in (25.5 x 13.7 x 7.2 cm) | 10 x 5.39 x 0.83 in (25.5 x 13.7 x 2.1 cm) | 2/pk | Blue ■ |
| HS24320P | 15 mL 50 mL | 21 12 | 17 mm 30 mm | 10 x 5.39 x 2.83 in (25.5 x 13.7 x 7.2 cm) | 10 x 5.39 x 0.83 in (25.5 x 13.7 x 2.1 cm) | 2/pk | Pink ■ |
| HS24318 | 15 mL | 45 | 17 mm | 10 x 5.39 x 2.83 in (25.5 x 13.7 x 7.2 cm) | 10 x 5.39 x 0.83 in (25.5 x 13.7 x 2.1 cm) | 2/pk | Purple ■ |
| HS24319 | 50 mL | 18 | 30 mm | 10 x 5.39 x 2.83 in (25.5 x 13.7 x 7.2 cm) | 10 x 5.39 x 0.83 in (25.5 x 13.7 x 2.1 cm) | 2/pk | Green ■ |

4-Way Rack

Link together to cater for your application needs

Create as large a rack as you require for your bench top applications.

- Made of polypropylene
- **Autoclavable**



| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|--|------|---|
| HS29022A | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | Natural <input type="checkbox"/> |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |
| HS29022B | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | Blue <input checked="" type="checkbox"/> |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |
| HS29022C | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | Green <input checked="" type="checkbox"/> |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |
| HS29022D | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | Pink <input checked="" type="checkbox"/> |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |
| HS29022E | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | Yellow <input checked="" type="checkbox"/> |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |
| HS29022F | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | Orange <input checked="" type="checkbox"/> |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |
| HS29022G | 50 mL | 4 | 30 mm | 6.85 x 3.74 x 2.04 in (17.4 x 9.5 x 5.2 cm) | 5/pk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> * |
| | 15 mL | 12 | 17.5 mm | | | |
| | 0.5 mL | 32 | 8.2 mm | | | |
| | 1.5/2.0 mL | 32 | 11.6 mm | | | |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)

Cube Rack

Interlocking multi-tube racks

- Made of polypropylene
- Allows you to work with different sized tubes all in the same plane
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|--|------|---|
| HS29050A | 50 mL | 4 | 30 mm | 4.25 x 4.45 x 4.45 in (10.8 x 11.3 x 11.3 cm) | 5/pk | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> * |
| | 15 mL | 10 | 17 mm | | | |
| | 0.5 mL | 12 | 11.5 mm | | | |
| | 1.5/2.0 mL | 16 | 12.7 mm | | | |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)



Mega Racks™

High-capacity storage for your tubes

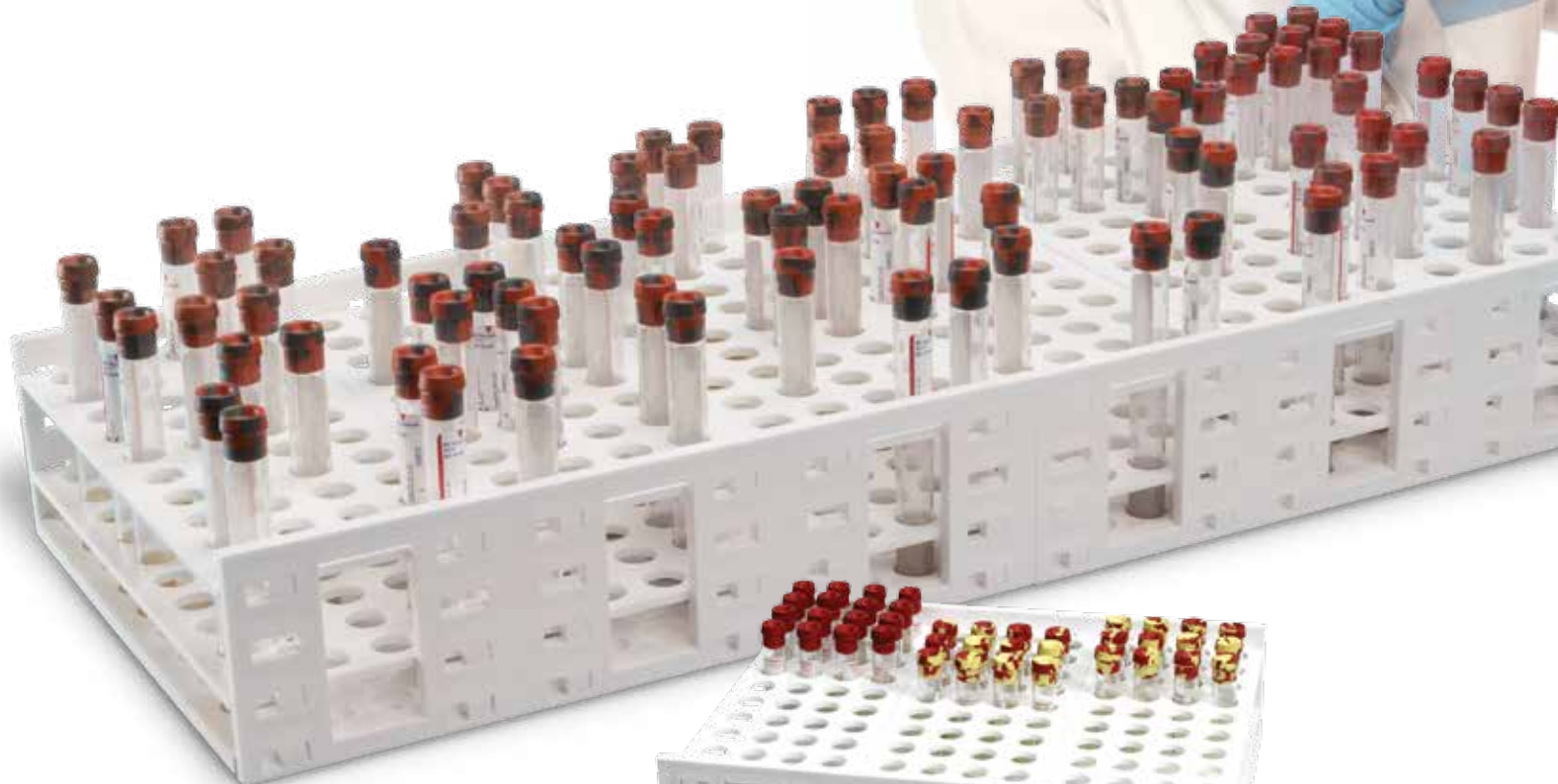
- Fully-assembled, polypropylene mega racks are great for high-throughput labs requiring large sample storage
- Sturdy, light-weight material for easy transport
- Alphanumeric identification for quick location and retrieval of tubes
- Place different test groupings into one rack eliminating the need for multiple racks

Single-Size Polypropylene

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Color |
|-----------------|---------------|-------|-----------|--|--|
| HS24322A | 5-7 mL (13mm) | 216 | 13 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | Blue <input checked="" type="checkbox"/> |
| HS24322E | 5-7 mL (13mm) | 216 | 13 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | White <input type="checkbox"/> |
| HS24323A | 10 mL (16 mm) | 120 | 16 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | Blue <input checked="" type="checkbox"/> |
| HS24323E | 10 mL (16 mm) | 120 | 16 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | White <input type="checkbox"/> |

Double-Size Polypropylene

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Color |
|-----------------|---------------|-------|-----------|---|--|
| HS120113 | 5-7 mL (13mm) | 432 | 10-13 mm | 26.4 x 9 x 3.1 in (67.4 x 26.7 x 9.1 cm) | Blue <input checked="" type="checkbox"/> |
| HS120112 | 5-7 mL (13mm) | 432 | 10-13 mm | 26.4 x 9 x 3.1 in (67.4 x 26.7 x 9.1 cm) | White <input type="checkbox"/> |
| HS120115 | 10 mL (16 mm) | 240 | 13-16 mm | 20.5 x 10.2 x 3.1 in (52.1 x 26.7 x 9.1 cm) | Blue <input checked="" type="checkbox"/> |
| HS120114 | 10 mL (16 mm) | 240 | 13-16 mm | 20.5 x 10.2 x 3.1 in (52.1 x 26.7 x 9.1 cm) | White <input type="checkbox"/> |



Double Mega Rack™



Single Mega Rack™

Epoxy Coated Wire Racks

Durable racks for transport or sample handling

- Chemically-resistant, epoxy-coated steel wire racks
- Suitable for conical, round or flat bottom, glass or plastic, tubes and bottles

- Autoclavable

| Universal bottle tube racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------------------|-----------------|--------|-------|------------|---|------|--------|
| | HS120087 | 2 x 6 | 12 | 33 mm | 8.3 x 3.14 x 2.36 in (21.2 x 8.0 x 6.0 cm) | 1/ea | Blue ■ |
| | HS120088 | 5 x 10 | 50 | 33 mm | 13.97 x 7.44 x 2.36 in (35.5 x 18.9 x 6.0 cm) | 1/ea | Blue ■ |

- Rack suitable for universal, McCartney and Scintillation vials and low-profile tubes up to 33 dia
- Mesh bottom support

| Bijou bottle tube racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-------------------------|-----------------|--------|-------|------------|--|------|--------|
| | HS120085 | 2 x 6 | 12 | 25 mm | 6.4 x 2.51 x 1.25 in (16.4 x 6.4 x 3.2 cm) | 1/ea | Blue ■ |
| | HS120086 | 5 x 10 | 50 | 25 mm | 10.66 x 5.7 x 1.25 in (27.1 x 14.5 x 3.2 cm) | 1/ea | Blue ■ |

- Rack suitable for bijou bottles and low-profile tubes up to 25 mm dia
- Mesh bottom support

| Urine container rack | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------------------|-----------------|-------|-------|------------|--|------|--------|
| | HS120091 | 6 x 4 | 24 | 58 mm | 15.47 x 10.31 x 1.97 in (39.3 x 26.2 x 5 cm) | 1/ea | Blue ■ |

- Ideal for urine containers up to 58 mm dia.
- Slotted bottom
- Mesh bottom support

| 13 and 16 mm tube racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-------------------------|-----------------|--------|-------|------------|--|------|--------|
| | HS120089 | 6 x 12 | 72 | 13 mm | 8.07 x 4.13 x 2.55 in (20.5 x 10.5 x 6.5 cm) | 1/ea | Blue ■ |
| | HS120090 | 9 x 12 | 108 | 13 mm | 8.07 x 6.37 x 2.55 in (20.5 x 16.2 x 6.5 cm) | 1/ea | Red ■ |
| | HS23072 | 6 x 12 | 72 | 16 mm | 9.33 x 5.0 x 2.55 in (23.7 x 12.7 x 6.5 cm) | 1/ea | Blue ■ |
| | HS23108 | 9 x 12 | 108 | 16 mm | 9.5 x 7.40 x 2.55 in (24.1 x 18.8 x 6.5 cm) | 1/ea | Red ■ |

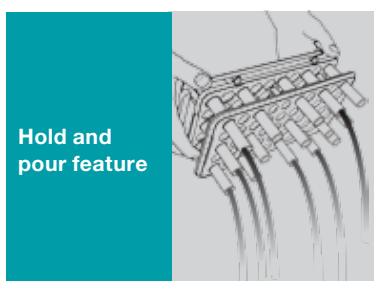
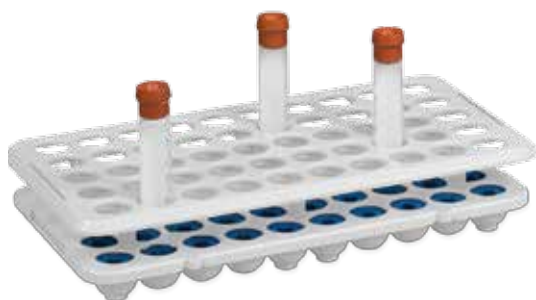
- Holds either 13 and 16 mm blood collection tubes
- Available in two formats
- Slotted bottom

| Centrifuge bottle rack | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|------------------------|----------------|-------|-------|------------|---|------|--------|
| | HS23224 | 2 x 3 | 6 | 60 mm | 8.07 x 5.31 x 4.09 in (20.5 x 13.5 x 10.4 cm) | 1/ea | Blue ■ |

- Holds bottles and vessels up to 60 mm dia.
- Slotted bottom

| 15 mL/50 mL tube racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|------------------------|-----------------|-------|-------|------------|---|------|--------|
| | HS23215 | 3 x 5 | 15 | 18 mm | 5 x 3 x 3 in (12.7 x 7.6 x 7.6 cm) | 1/ea | Blue ■ |
| | HS232461 | 2 x 4 | 8 | 30 mm | 5.8 x 3.15 x 3.5 in (14.7 x 8 x 8.9 cm) | 1/ea | Blue ■ |

- Supports capped tubes up to 18 mm dia. — 3 x 5 format
- Supports capped tubes up to 30 mm dia. — 2 x 4 format
- Slotted bottom

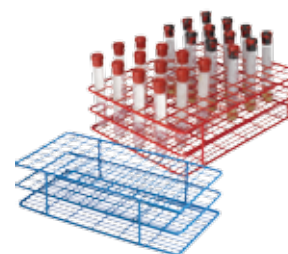
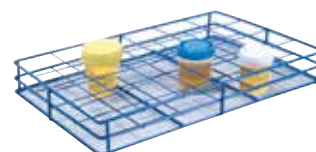
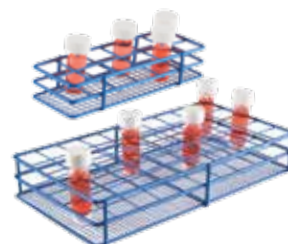


Grab Rack™

Rack features silicone grips to hold tubes in place

- ABS rack with silicone gripping fingers
- Turn the rack over and the tubes will not fall out
- No assembly required
- **Not recommended for autoclaving**

| Part No. | Tubes | Wells | Well Dia. | Dimensions L x W x H | Pkg. | Color |
|-----------------|---------|-------|-----------|--------------------------------------|------|---------|
| HS24371A | 5-10 mL | 50 | 16 mm | 10 x 5 x 2 in (25.9 x 12.7 x 4.9 cm) | 1/ea | White □ |



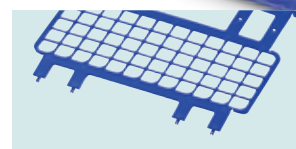
Fold and Snap Test Tube Rack

Economical durable rack

- Polypropylene racks ship flat in one piece
- Easy-to-assemble, just fold and snap together
- Available in 4 different colors for 3 popular tube sizes

- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|------------------|---------|-------|------------|---|------|----------|
| HS243073B | 5-10 mL | 90 | 13 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Blue ■ |
| HS243073W | 5-10 mL | 90 | 13 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | White □ |
| HS243073R | 5-10 mL | 90 | 13 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Red ■ |
| HS243073Y | 5-10 mL | 90 | 13 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Yellow ■ |
| HS243077B | 5-15 mL | 60 | 17 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Blue ■ |
| HS243077W | 5-15 mL | 60 | 17 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | White □ |
| HS243077R | 5-15 mL | 60 | 17 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Red ■ |
| HS243077Y | 5-15 mL | 60 | 17 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Yellow ■ |
| HS243071B | 5-30 mL | 40 | 21 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Blue ■ |
| HS243071W | 5-30 mL | 40 | 21 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | White □ |
| HS243071R | 5-30 mL | 40 | 21 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Red ■ |
| HS243071Y | 5-30 mL | 40 | 21 mm | 9.64 x 4.13 x 2.4 in (24.5 x 10.5 x 6.3 cm) | 1/ea | Yellow ■ |



Easy-to-assemble, just fold and snap together



Detachable legs

Floating Microtube Rack

- Made of polypropylene
- Use on the bench, with water baths or ice containers
- Keeps microtubes afloat in a water bath or can be pushed into crushed ice — perfect for controlling sample temperature.
- Detachable legs provide two options:
 - Attach legs so rack stands upright on bench top
 - Detach legs so samples can be quickly popped out by pushing down onto any surface
- **Not recommended for autoclaving**

| Part No. | Tubes | Wells | Wells Dia. | Dimension | Color |
|----------------|------------|-------|------------|----------------------------|---------|
| HS2132A | 1.5/2.0 mL | 16 | 10.9 mm | Square 4 in (10.2 cm) | White □ |
| HS2134A | 1.5/2.0 mL | 20 | 10.9 mm | Round 3.8 in (9.8 cm dia.) | White □ |

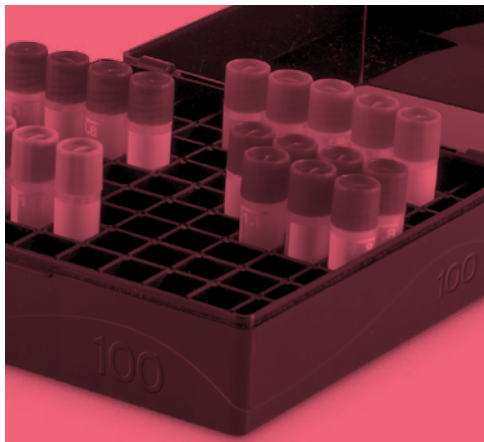
Floating Foam Tube Racks

- Made of high density polyethylene
- Reusable and flexible for a variety of applications
- Brightly-colored, high-density polyethylene foam racks are ideal for floating tubes in water baths, tubs, or beakers
- Closed-cell foam resists water absorption so racks can be washed and reused
- Racks include detachable carrying handles—easily lift samples out of baths
- The blue round rack features unique “x” slits to hold a variety of tube sizes
- **Not recommended for autoclaving**



Detachable Handle

| Part No. | Tubes | Wells | WellsDia. | L x W x H | Color |
|----------------|------------------------|-------|-----------|---|----------|
| HS2165A | 50 mL | 4 | 29 mm | 6.4 x 5.3 x 2.5 in (16.5 x 13.7 x 6.5 cm) | Green ■ |
| HS2165B | 15 mL | 8 | 16 mm | 6.7 x 2.2 x 2.5 in (17.2 x 5.7 x 6.5 cm) | Blue ■ |
| HS2165C | 1.5-2.0 mL | 24 | 9.3 mm | 6 x 3.2 x 2.7 in (15 x 8.3 x 7 cm) | Yellow ■ |
| HS2166 | 0.2/0.5/ 1.5-2.0 mL | 18 | 9.3 | 3.2 in (8.2 cm dia.) | Blue ■ |



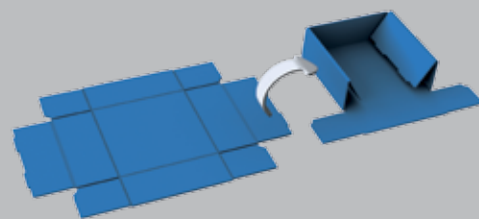
tube storage

Maximize storage capacity with a variety of reliable sample storage options.



Freezer boxes are supplied “flat-packed” eliminating the hassle of stacking and reduces the amount of space needed for storage.

SEE PAGE 61
Both corrugated and film freezer boxes fit in standard freezer racks.



true north®

Freezer boxes

Reusable, economical and moisture resistant plastic

- Made of polypropylene material
- Easy self-assemble boxes shipped flat
- More durable than cardboard boxes as they are not susceptible to moisture
- Significantly reduces the chance of mold
- Dividers included with the boxes
- **Store down to temperatures of -80°C**

Corrugated Polypropylene 0.2/0.5/1.5-2.0/5 mL

| Part No. | Tube | Wells | Well Dia. | L x W x H | Pkg. | Color | |
|----------|------------|-------|-----------|---|-------|---------|---|
| HS120379 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Natural | ☐ |
| HS120380 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Blue | ■ |
| HS120381 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Red | ■ |
| HS120382 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Purple | ■ |
| HS120383 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Natural | ☐ |
| HS120384 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Blue | ■ |
| HS120385 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Red | ■ |
| HS120386 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Purple | ■ |
| HS120262 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Natural | ☐ |
| HS120376 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Blue | ■ |
| HS120377 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Red | ■ |
| HS120378 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Purple | ■ |
| HS120387 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Natural | ☐ |
| HS120388 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Blue | ■ |
| HS120389 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Red | ■ |
| HS120390 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Purple | ■ |

Corrugated Polypropylene 15 mL and 50 mL

| Part No. | Tube | Wells | Well Dia. | L x W x H | Pkg. | Color | |
|----------|-------|-------|-----------|--|-------|---------|---|
| HS120391 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Natural | ☐ |
| HS120392 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Blue | ■ |
| HS120393 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Red | ■ |
| HS120394 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Purple | ■ |
| HS120366 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Natural | ☐ |
| HS120367 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Blue | ■ |
| HS120368 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Red | ■ |
| HS120369 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Purple | ■ |

Thin Polypropylene Film 1.5-2 mL

| Part No. | Tube | Wells | Well Dia. | L x W x H | Pkg. | Color | |
|----------|------------|-------|-----------|--|-------|-----------|---|
| HS120370 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | White | ☐ |
| HS120371 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | Blue | ■ |
| HS120372 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | Lt. Green | ■ |
| HS120373 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | Purple | ■ |



HS120367



HS120394



HS120381



HS120372



Cardboard Micro Tube Boxes

Safe micro tube storage

Low profile boxes are available in two sizes to accommodate standard 0.5 mL and 0.2mL micro tubes and vessels of a similar size.

- Dividers included with the boxes
- Store in mechanical freezers or vapor phase LN₂*
- Will fit into most standard freezer racking

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|--------|-------|------------|---|--------|--------------------------------|
| HS120220 | 0.2 mL | 169 | 9.5 mm | 5.2 x 5.2 x 1.1 in (13.3 x 13.3 x 2.9 cm) | 10/pkg | White <input type="checkbox"/> |
| HS120221 | 0.5 mL | 100 | 12 mm | 5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 4.1 cm) | 10/pkg | White <input type="checkbox"/> |

*Must use tubes capable of being stored at low temperatures

Cardboard Cryogenic Vial Boxes and Partitions

For storage of small samples and tubes

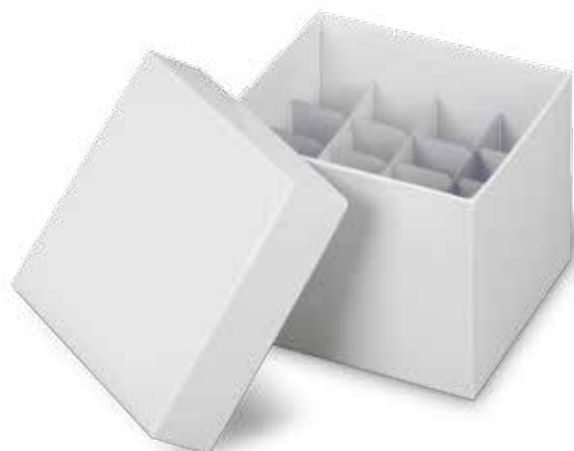
- Store in LN₂, or in mechanical freezers
- Colors allow for easy identification and sorting purposes
- Bottom vent holes to allow quicker circulation and removal of cold air, vapor or LN₂
- All box footprints are 13.3 x 13.3 cm, select from two different heights



| Part No. | Description | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|---------------------|------------|-------|------------|---|--------|---|
| HS2860A | Vial box and lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pkg | White <input type="checkbox"/> |
| HS2860B | Vial box and lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 3 in (13.3 x 13.3 x 7.5 cm) | 12/pkg | White <input type="checkbox"/> |
| HS2860C | Vial box and lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pkg | Assorted <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |
| HS2860CB | Vial box and lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pkg | Blue <input type="checkbox"/> |
| HS2860CR | Vial box and lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pkg | Red <input type="checkbox"/> |
| HS2860CY | Vial box and lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pkg | Yellow <input type="checkbox"/> |
| HS2860E | Partition (10 x 10) | 1.5/2.0 mL | 100 | 11.5 mm | — | 12/pkg | |
| HS2860H | Partition (9 x 9) | 1.5/2.0 mL | 81 | 12 mm | — | 12/pkg | |
| HS2860F | Partition (8 x 8) | 1.5/2.0 mL | 64 | 15 mm | — | 12/pkg | |
| HS2860G | Partition (7 x 7) | 1.5/2.0 mL | 49 | 17.5 mm | — | 12/pkg | |

*Assorted colors (Red, Blue, Yellow)

Partitions must be ordered separately



Cardboard Tube Racks and Partitions

A low-cost way to organize your tubes!

- Economical cardboard racks are disposable
- Write-on surface for descriptions or self numbering systems
- Partitions available in two sizes

| Part No. | Description | Wells | Tubes | Wells Dia. | L x W x H | Pkg. | Color |
|----------------|-------------|-------|------------|------------|--|--------|--------------------------------|
| HS2860M | Box and Lid | — | 15 & 50 mL | — | 5.7 x 5.7 x 4.8 in (14.5 x 14.5 x 12.2 cm) | 10/pkg | White <input type="checkbox"/> |
| HS2860T | Partitions | 36 | 15 mL | 17.5 m | | 10/pkg | White <input type="checkbox"/> |
| HS2860P | Partitions | 16 | 50 mL | 29.5 mm | | 10/pkg | White <input type="checkbox"/> |

Partitions must be ordered separately



Arctic Squares® Polycarbonate Cryostorage Boxes

Safely store vials from -196 to $+121^{\circ}\text{C}$ in mechanical freezers as well as liquid nitrogen

Our polycarbonate boxes are designed with unique features to help orient, identify and access vials with ease.

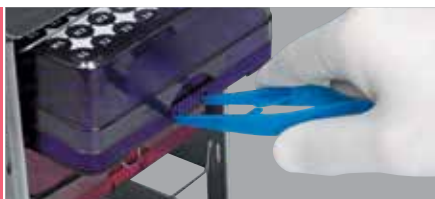
- Hinged lid with built-in stop allows easy one-handed access to samples (not on HS23325A, slip on lid)
- Forward-sloped base and high contrast indexing on the transparent lid ensure quick visual orientation
- Magnetic tipped forceps supplied with styles b and d, help pick vials and remove boxes from freezer racking
- All boxes have vent and drainage holes
- Stackable
- **Autoclavable**

| | 5 x 5 array boxes | Part No. | Tubes | Wells | Wells dia. | L x W x H | Qty. | Color |
|----------|--|-----------------|--------|-------|------------|--|------|-------------------|
| a | - Ideal for small sampling - Friction fit, slide-on lid | HS23325A | 2.0 mL | 25 | 12.5 mm | 2.99 x 2.99 x 2.0 in (7.6 x 7.6 x 5.3 cm) | 8/pk | Ruby Red ■ |
| b | 9 x 9 array standard boxes - Hinged lid - Wells arranged in an easy-to-pick formation | HS23381B | 2.0 mL | 81 | 12.5 mm | 5.23 x 5.23 x 2.0 in (13.3 x 13.3 x 5.3 cm) | 4/pk | Assorted ■■■■* |
| c | 9 x 9 array tall boxes - Use with all common sizes up to 5.0 mL - Hinged lid | HS23381C | 5.0 mL | 81 | 12.5 mm | 5.23 x 5.23 x 3.77 in (13.3 x 13.3 x 9.6 cm) | 5/pk | Amethyst Purple ■ |
| d | 10 x 10 array boxes - Maximum number of tubes in standard footprint - Hinged lid | HS23300D | 2.0 mL | 100 | 12.5 mm | 5.23 x 5.23 x 2.0 in (13.3 x 13.3 x 5.3 cm) | 4/pk | Arctic Blue ■ |

*Assorted colors (Ruby Red, Amethyst, Purple, Arctic Blue, Emerald Green)

Forceps included with boxes **b**, **d**, can be used to pick vials or remove box from freezer rack.

Includes embedded magnet for easy forceps storage.



SEE PAGE 62

For arctic squares® freezer rack horizontal drawer system for upright freezers.

Constructed of corrosion-resistant stainless steel with four drawers to hold 16 boxes.





work2store®

Expanding storage boxes

Single rack, double function

Reduce sample handling time and the need for several racks when working with samples for cold temperature storage.

Patent-pending opening and closing mechanism allows the rack to expand, creating needed room for sample manipulation.

When done, simply collapse the rack back to its compact form and it's ready for the freezer.

Two versions available, the original for holding 1.5/2.0 mL cryo and micro tubes and the new micro reversible version for holding 0.5 mL and 0.2 mL tubes. (see below)

- Instantly creates more working space
- Helps reduce potential cross contamination
- Stops opened microfuge lids from interfering with other wells
- Stackable, with alphanumeric well identifications
- Will fit into standard 2" (53 mm) freezer racking
- Temperature range -80°C to 121°C

Work2Store®

- Clear lid locks the rack together for safe handling and transportation
- Wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one handed cap removal
- Holds 64 x 1.5/2.0 mL cryo and/or micro tubes
- **Autoclavable**



| Part No. | Tubes | Wells | Well Dia. | L x W x H open (31 x 12.8 x 3.35 cm) | Pkg. | Color |
|-----------------|------------|-------|-----------|--|------|--------------------------------|
| HS120018 | 1.5/2.0 mL | 64 | 12.3 mm | L x W x H closed - with lid | 1/ea | White <input type="checkbox"/> |
| | | | | 5.2 x 5.2 x 2 in (13.3 x 13.8 x 5.3 cm) | | |

Work2Store® micro

- 0.2 mL tube side has been configured to work with 8 strip, 12 strip or single tubes
- Low profile clear lid fits either side and locks the rack together for safe handling and transportation
- **Autoclavable**

Rack will hold 64 x 0.5 mL micro tubes on one side and 96 x 0.2 mL — micro tubes on the other side



| Part No. | Tubes | Wells | Well Dia. | L x W x H open (31 x 12.8 x 3.1 cm) | Pkg. | Color |
|-----------------|-------|--------|-----------|--|------|--------------------------------|
| HS120183 | 64 | 0.5 mL | 7.8 mm | L x W x H closed - with lid | 1/ea | White <input type="checkbox"/> |
| | 96 | 0.2 mL | 5.1 mm | 5.2 x 5.2 x 1.8 in (13.3 x 13.3 x 4.8 cm) | | |



SEE PAGE 71 for cryo vials

Refrigerator Racks

Contoured design for safe handling

Fill lower section with water or crushed ice to chill sample tubes quickly.

- Made of molded polystyrene
- Top inset tray secures tubes in place
- Stackable, saves bench space

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Color |
|-----------------|------------|-------|------------|---|--------------------------------|
| HS28230A | 1.5/2.0 mL | 50 | 12.8 mm | 10.66 x 5.59 x 2.2 in (27.1 x 14.2 x 5.6 cm) | White <input type="checkbox"/> |
| HS28230B | 15 & 50 mL | 15 | 29.2 mm | 10.86 x 6.4 x 5.27 in (27.6 x 16.4 x 13.4 cm) | White <input type="checkbox"/> |



Foam Tube Racks

High storage, minimal footprint

- Two-piece racks are constructed of expanded polystyrene (EPS) foam
- Lightweight microtube racks are ideal for long-term studies or tube storage
- Extra spacing between wells allows for easy gripping with fingertips
- Racks stack securely with nesting features on lid and base

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------------|------------|-------|------------|--|-------|--------------------------------|
| HS4282 | 1.5/2.0 mL | 100 | 11.5 mm | 13.22 x 3.74 x 2.87 in (33.6 x 9.5 x 7.3 cm) | 10/pk | White <input type="checkbox"/> |
| HS4283P | 1.5/2.0 mL | 50 | 11.5 mm | 8.26 x 4.33 x 2.7 in (21.0 x 11.0 x 7.1 cm) | 10/pk | White <input type="checkbox"/> |



Transformer Cube Rack

For storage of large samples and 15 and 50 mL tubes

- Polypropylene construction complete with two snap-in grids
- Imprinted grid, first-tube orientation — keyed lid
- Use without grids for larger sized product storage
- Fill with ice and use as a temporary low-temperature workstation
- Clear lid, translucent sides
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|-------|-------|------------|--|------|--|
| HS23271A | 15 mL | 16 | 18 mm | 4.9 x 4.9 x 5 in (12.5 x 12.5 x 12.9 cm) | 5/pk | Purple <input checked="" type="checkbox"/> |
| | 50 mL | 9 | 31 mm | | | |



Fill with ice and use as a temporary low temperature workstation.



Holds either:

- 15 mL or
- 50 mL samples

Upright cube freezer rack

Chest cube freezer rack

SEE PAGE 63

For upright and chest cube freezer rack.

Both are constructed of corrosion-resistant stainless steel.



50-Well Microtube Storage Boxes

Ideal for sample or case study storage

- Made of polypropylene
- For smaller storage requirements of 1.5/2.0 mL microtubes or cryogenic vials.
- Easy-open hinged lid with snap clasp
- **Autoclavable**

| Part No. | Tubes | Wells | Wells dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|------------|--|-------|--|
| HS120032 | 1.5/2.0 mL | 50 | 12.3 mm | 5.6 x 3.6 x 2.2 in (14.2 x 9.2 x 5.6 cm) | 5/pkg | Natural <input type="checkbox"/> |
| HS120033 | 1.5/2.0 mL | 50 | 12.3 mm | 5.6 x 3.6 x 2.2 in (14.2 x 9.2 x 5.6 cm) | 5/pkg | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |

*Assorted colors (Blue, Green, Purple, Yellow, Orange)



81-Well Microtube Storage Boxes

Compact footprint for microtube and cryogenic vial storage

- Store 1.5/2.0 mL microtubes or cryogenic vials in polypropylene storage boxes
- Easy open, friction-fit lid
- Black, light-tight version available for light sensitive samples
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|---------------------------------------|-------|--|
| HS120034 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Natural <input type="checkbox"/> |
| HS120035 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Blue <input type="checkbox"/> |
| HS120036 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Green <input type="checkbox"/> |
| HS120037 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Pink <input type="checkbox"/> |
| HS120038 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Yellow <input type="checkbox"/> |
| HS120039 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Orange <input type="checkbox"/> |
| HS120040 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |
| HS120041 | 1.5/2.0 mL | 81 | 12.3 mm | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pkg | Black <input type="checkbox"/> |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)



Allows safe lower temperature storage

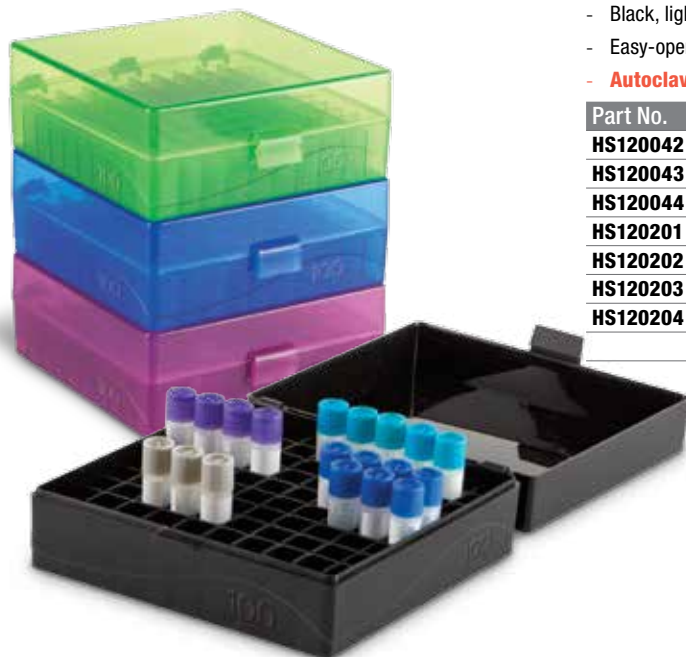
100-Well Microtube Storage Boxes

Secure storage for microtube and cryogenic vials

- Made of polypropylene
- For larger storage requirements of 1.5/2.0 mL microtubes or cryogenic vials.
- Black, light-tight version available for light sensitive samples
- Easy-open hinged lid with snap clasp
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|---|-------|--|
| HS120042 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | Natural <input type="checkbox"/> |
| HS120043 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | Black <input type="checkbox"/> |
| HS120044 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |
| HS120201 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | Blue <input type="checkbox"/> |
| HS120202 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | Green <input type="checkbox"/> |
| HS120203 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | Yellow <input type="checkbox"/> |
| HS120204 | 1.5/2.0 mL | 100 | 12.3 mm | 5.6 x 6 x 2.2 in (14.1 x 15.1 x 5.7 cm) | 5/pkg | Orange <input type="checkbox"/> |

*Assorted colors (Blue, Green, Purple, Yellow, Orange)



Microtube storage boxes are:

- Made from polypropylene
- Designed for quick visual identification
- Uniform wells with location identification
- Tube capacity is indicated on the outside of the box
- Translucent vibrant colors with a frosted labeling area
- Debossed with a distinctive wave design

Mega Racks®

High-capacity storage for your tubes

- Fully-assembled, polypropylene mega racks are great for high-throughput labs requiring large sample storage
- Sturdy, light-weight material for easy transport
- Alphanumeric identification for quick location and retrieval of tubes
- Place different test groupings into one rack eliminating the need for multiple racks
- **Autoclavable**

Single-Size Polypropylene

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Color |
|-----------------|---------------|-------|-----------|--|---------|
| HS24322A | 5-7 mL (13mm) | 216 | 13 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | Blue ■ |
| HS24322E | 5-7 mL (13mm) | 216 | 13 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | White □ |
| HS24323A | 10 mL (16 mm) | 120 | 16 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | Blue ■ |
| HS24323E | 10 mL (16 mm) | 120 | 16 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | White □ |

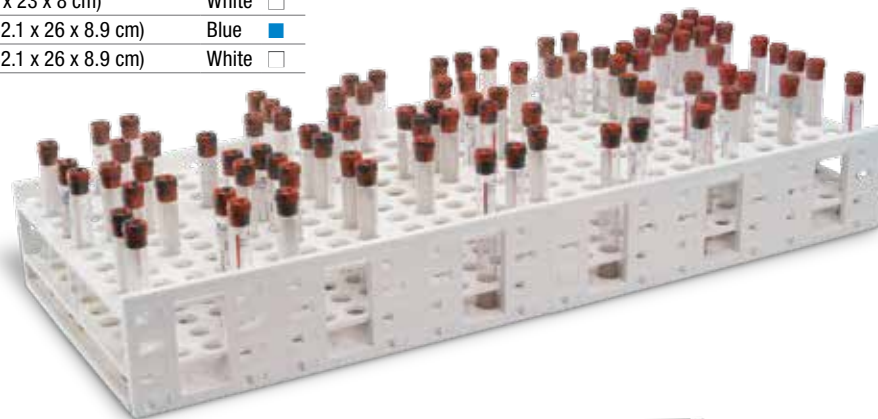


Single mega rack®

Double-Size Polypropylene

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Color |
|-----------------|---------------|-------|-----------|---|---------|
| HS120113 | 5-7 mL (13mm) | 432 | 10-13 mm | 26.4 x 9 x 3.1 in (67.3 x 23 x 8 cm) | Blue ■ |
| HS120112 | 5-7 mL (13mm) | 432 | 10-13 mm | 26.4 x 9 x 3.1 in (67.3 x 23 x 8 cm) | White □ |
| HS120115 | 10 mL (16 mm) | 240 | 13-16 mm | 20.5 x 10.2 x 3.5 in (52.1 x 26 x 8.9 cm) | Blue ■ |
| HS120114 | 10 mL (16 mm) | 240 | 13-16 mm | 20.5 x 10.2 x 3.5 in (52.1 x 26 x 8.9 cm) | White □ |

Double mega rack®



TracRack®

Take what you need and store the rest

- Segments box made of polypropylene
- Eight segments per box
- 1.5 -2.0 mL cryo and micro-centrifuge tubes (64 tubes)
- Wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one-handed cap removal

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|--|------|----------|
| HS120356 | 1.5/2.0 mL | 64 | 12.3 mm | 5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm) | 1/ea | Purple ■ |



TracRack® Micro

- Segments box made of polypropylene
- Eight reversible segments per box
- 64 x 0.5 mL tubes, 96 x 0.2 mL micro tubes, or a combination of both

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------------|----------|------------------|--|------|--------------|
| HS120357 | 0.2 mL 0.5 mL | 64 96 | 5.1 mm 7.8 mm | 5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm) | 1/ea | Lt. Purple ■ |



TracRack® Outer Box

- Made from thin film polypropylene material
- Store down to temperatures of -80°C
- Moisture resistant, significantly reducing the chance of mold
- Removable segments allow outer shell to be used for storage of other small laboratory products
- 2 in. (5.3 cm) boxes fit in standard freezer racks



pipetting

Whether it be dispensing or aspirating microliters or milliliters, we offer you precision at your finger tips.

RF1000™

pipette controller

Lightweight and easy to use!

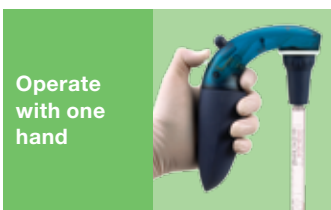
The RF1000™ is a manual pipette controller and is uniquely designed for one-handed operation. Simply squeeze the main bulb and push the toggle forward to aspirate or back to dispense. Push the blowout bulb to expel any liquid remaining in the pipette.

- Tapered silicone rubber pipette adapter allows a large range of pipette sizes range 1-50 mL and makes to be used. Replaceable when worn.
- Accepts common, and readily available replacement filters unlike other pipette aids whose filters are custom. This will help reduce total cost of ownership over time
- Includes one 0.45 µm filter
- **Autoclavable nose cone assembly**

| Part No. | Description |
|--------------------|---------------------------------------|
| HS1000RFU | RF1000™ |
| Replacement Parts | |
| HS5000RFFIL | Replacement filters, pack of 5 |
| HS5000RFRP | Replacement pipette adapter, silicone |
| HS1000RFRR | Replacement nose cone, PP, dark blue |

Specifications:

- Power:** Manual
- Filter:** PTFE/25 mm dia / 0.45 µm filter in PP housing
- Pipettes:** 1 – 50 mL, glass and plastic
- Pipette Nozzle:** Polypropylene, autoclavable
- Dimensions:** 180 x 45 x 120 mm



Operate with one hand

Manual Pipette Controller

The economical pipette controller which limits over aspiration

Only need one larger volume pipette controller for the entire range of bulb. Works with graduated glass and plastic pipettes from 0.1 to 100 mL.

- Penetration by liquids is effectively reduced by the hydrophobic membrane filter
- Replacement filter is provided as standard

| 4 colors | Part No. | No. Channels | L x W | Color |
|----------|-----------------|--------------|-------------|--------|
| | HS120361 | Single | 215 x 40 mm | Blue |
| | HS120362 | Single | 215 x 40 mm | Orange |
| | HS120363 | Single | 215 x 40 mm | Coral |
| | HS120364 | Single | 215 x 40 mm | Green |

Filling

- Suction below allows aspiration up to 50 mL with one compression
- Fill rate can be varied with the pipetting lever

Delivery

- Discharge liquid by pressing down on the lever
- The valve system is designed so that flow rate does not affect accuracy

Blow-out feature

- Discharge liquid by pressing down on the lever
- The valve system is designed so that flow rate does not affect accuracy





Slight downward slant to tip ejector button reduces hand fatigue, incidence of repetitive strain injury (RSI)

Volume adjustment and low-force dispensing all in one button for convenience

Finger hook

Isolated volume locking ring prevents accidental volume changes

3-position volume display

Each unit is color coded and labeled with volume range (Both top and side colored components for quick visual confirmation)

Precision metal components for both shaft and barrel ensure reliable performance and long life

Pearl® Pipettes Adjustable Volume

Precision liquid handling

A complete range of single-channel pipette volumes to cover all your possible needs. The sleek, ergonomic design and reduced plunger pressure help reduce the chance of Repetitive Stress Injury (RSI), as the pipettes require 2/3 the operation pressure of most standard pipettes.

Each pipette is tested in accordance with standards and a calibration certificate is supplied. Manufactured in accordance with ISO08655 and GLP regulations.

- Internal metal parts for increased accuracy and calibration stability
- Easy volume adjustment with locking tab to prevent accidental change
- Separate tip ejector
- Large digital volume display
- CE certified
- **Autoclavable**

HS120215

HS120217

| Part No. | No. Channels | Volume Range | Color |
|-----------------|--------------|---------------|------------|
| HS120097 | Single | 0.1–2 µL | Green |
| HS120098 | Single | 0.5–10 µL | Lt. Blue |
| HS120099 | Single | 2–20 µL | Lt. Purple |
| HS120100 | Single | 5–50 µL | Orange |
| HS120101 | Single | 10–100 µL | Blue |
| HS120102 | Single | 20–200 µL | Yellow |
| HS120103 | Single | 30–300 µL | Purple |
| HS120104 | Single | 100–1000 µL | Blue |
| HS120105 | Single | 500–5000 µL | Pink |
| HS120106 | Single | 1000–10000 µL | Red |
| HS120215 | Eight | 5–50 µL | Orange |
| HS120216 | Eight | 30–300 µL | Purple |
| HS120217 | Twelve | 5–50 µL | Orange |
| HS120218 | Twelve | 30–300 µL | Purple |

10 single volume ranges available

2 eight and twelve volume ranges available





RF3000®

Packed with features for comfortable and accurate pipetting

The powerful pump offers rapid, yet sensitive aspiration and dispensing, has adjustable valves and is microprocessor controlled for constant reliability and accuracy.

- Operates with 100–240 volt electrical supplies worldwide
- Long-life li-ion battery, with quick charge—up to 20 hours continuous use
- UV-resistant housing
- Universal grip and soft-coated triggers with direction indicators, for right- or left-handed users
- Ergonomically balanced in the hand with a loaded pipette
- Bright LEDs indicate three operation modes: high, low, and gravity
- Toggle operation by pressing the large mode button
- Five different colored nose cones included to help differentiate department, task or user, as well as a labeling area on the side of the unit
- Filters are readily available, so you are not tied into a pipette specific brand—helps reduce the total life costs of ownership versus other makes of pipette controllers
- An adapter can be fitted to the nose cone to stabilize small volume and thinner pipettes
- Low-battery indicator; can be recharged when in use



| Part No. | Description |
|---------------------------|--|
| HS3000 | RF3000 with power adapter |
| Replacement Parts: | |
| HS5000RFFIL | Filters, pack of 5 |
| HS300501 | Universal power adapter |
| HS300502 | Battery RF3000 |
| HS300504 | Nose cones, pack of 5 ■ ■ ■ ■ ■ * Autoclavable |

*Assorted colors (Blue, Lime, Shamrock, Teal, Lilac)

Specifications:

Power: Rechargeable li-Ion battery (replaceable)

Filter: PTFE/25 mm dia / 0.45 µm filter

Pipettes: 1 – 100 mL, glass and plastic

Pipette Nozzle: Polypropylene, autoclavable

Dimensions: 15 x 152 x 41 mm

One-year warranty

Tested to comply with U.S., Canadian and European Safety and EMC Standards

Package Includes:

- Charging stand and wall-mountable/magnetic holder
- Nozzle adapter for use with small pipettes
- Li-Ion rechargeable battery
- Three replacement 0.45 µm filters
- Five nose cones, blue, lime, shamrock, teal, lilac
- Low-voltage, double-insulated AC adapter 100 to 240V, 50/60Hz with four interchangeable plugs



Rechargeable li-Ion battery (replaceable)

Benchtop charging base





Rack rotates for easy pipette selection

Flip & Grip™

Pipette Holder

The perfect choice for your labs changing needs

Unique pipette holder that gives you the option of using on the bench top, or hanging under shelf holder to help maximize your working space.

- Will hold up to 12 single-channel pipette, or a combo of 3 single- and 3 multichannel pipettes
- Holds most common brands
- Rubber grips prevent scratching pipette
- Holder rotates for easy pipette selection and storage
- Weighted base
- Fixing screw provided to install under shelf



| Part No. | H x W Bench Top Style | H x W Under Shelf Style | Color |
|-----------------|--------------------------|----------------------------|--|
| HS120026 | 332 x 193 mm | 187 x 193 mm | Blue ■ |
| HS120056 | 332 x 193 mm | 187 x 193 mm | Lime ■ |
| HS120057 | 332 x 193 mm | 187 x 193 mm | Magenta ■ |

Pipettes can be held in the rubber grips and/or the plunger hooks



Mount base under shelf or counter



Clamp-ette® Pipette Holders

Create an instant pipette holding point within your lab

Secures to tabletops, benches and shelves with a twist

- Chemical-resistant polypropylene and fits most major pipette brands
- Available in a single or triple format
- **Autoclavable**

| Part No. | Description | L x W x H | Color |
|-----------------|-------------------|-------------------|--|
| HS2062A | Clamp-ette | 110 x 45 x 105 mm | Blue ■ |
| HS2062B | Clamp-ette 3 pack | 110 x 45 x 105 mm | ■ ■ ■ * |
| HS20162A | Tri clamp-ette | 157 x 120 x 95 mm | Blue ■ |
| HS20162C | Tri clamp-ette | 157 x 120 x 95 mm | Purple ■ |

* Assorted colors (Blue, Red, Purple)



Secures to tabletops, benches and shelves

Pipette Workstation

Organize your pipette and tips

Keep pipette and disposable tips together in one convenient stand.

- Acrylic workstation is opaque on sides with clear front and bin lids for easy content identification
- Holds up to four pipettes on top shelf
- Dual bins hold multiple size tips
- Self-closing lid provides dust-free storage
- Oversized lip allows for easy access when wearing gloves



| Part No. | L x W x H |
|-----------------|--------------------|
| HS234631 | 244 x 165 x 246 mm |



SEE PAGE 88 for MagPette™ pipette holder, a part of the MagLab Series™ that helps organize common lab products off your bench top

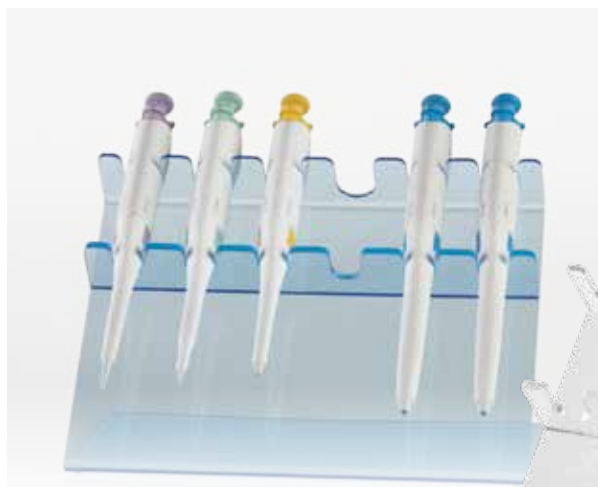
Pipette Stands

Convenient and safe storage

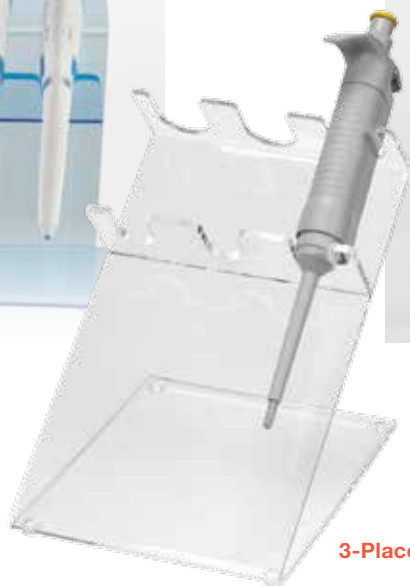
3-, 4-, and 6-place pipette stands are designed to hold most major pipette brands.

- Acrylic stands are transparent/clear; ABS stands are solid opaque colors

| Part No. | Material | Holds | Slot Upper | Slot Lower | Color |
|-----------------|----------|-------|------------|------------|--|
| HS206203 | Acrylic | Three | 25 mm | 20 mm | Clear <input type="checkbox"/> |
| HS206204 | Acrylic | Four | 25 mm | 20 mm | Clear <input type="checkbox"/> |
| HS20620 | Acrylic | Six | 25 mm | 20 mm | Clear <input type="checkbox"/> |
| HS20613C | Acrylic | Six | 25 mm | 20 mm | Blue <input checked="" type="checkbox"/> |
| HS20613E | ABS | Six | 25 mm | 20 mm | Blue <input checked="" type="checkbox"/> |



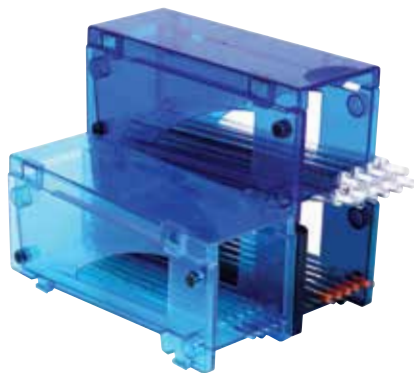
6-Place Stand Acrylic Blue



3-Place Stand



6-Place Stand



Magnets connect securely to most metallic surfaces

Units lock securely together horizontally or vertically

Cargo Pipette Rack

Customize your storage of pipettes

Organize the cargo pipette rack to meet your laboratory or personal needs. Click together horizontally or vertically to build the desired configuration, or use as individual holders, utilizing the three lid sections provided.

- Magnets on both sides of units connect securely and safely to most metal surfaces
- Angled shelves store 0.1 to 50 mL pipettes
- Protective lid encloses the unit to prevent dust build-up and provides additional shelf space

| Part No. | L x W x H | Pkg. | Color |
|-----------------|----------------------|-------|--|
| HS20615M | 301 x 100 x 127.5 mm | 3/pkg | Blue ■ |

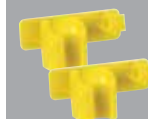
Pipette Racks

Protects and organizes glass and plastic pipettes

Four angled-shelved compartments keep your 0.1 to 50 mL pipettes or cans within easy reach while preventing damage and clutter.

- **Heavy-duty acrylic** version provides crystal-clear viewing from any angle
- **ABS versions** have cut-out viewing window and come with two removable attachments that hold pipette bulbs, fillers, and pumps
- **HS20612M magnetized ABS** version has strong magnets on both sides and mounts securely to steel surfaces

| Part No. | Material | L x W x H | Pkg. | Color |
|-----------------|----------|-------------------|------|--|
| HS20611 | Acrylic | 291 x 88 x 401 mm | 1/ea | Clear <input type="checkbox"/> |
| HS20612 | ABS | 291 x 88 x 401 mm | 1/ea | Blue <input checked="" type="checkbox"/> |
| HS20613 | ABS | 291 x 88 x 401 mm | 1/ea | Red <input checked="" type="checkbox"/> |
| HS20612M | ABS | 291 x 88 x 401 mm | 1/ea | Blue <input checked="" type="checkbox"/> |



ABS version includes 2 removable pipette attachments

Dual Solution® Reservoir

Innovative shape guides and protects pipette tips

Reagent reservoir has a standard 50 mL basin on one side and 12 individual 5 mL basins on the other side.

- Made from polypropylene
- Angled wells guide pipette tips toward a center position to help avoid cross contamination and waste
- Imprinted wells identify samples; lids prevent evaporation and contamination

| Part No. | Volume | Material | Sterility | L x W x H | Qty. |
|-----------------|---------|---------------|-------------|------------------|--------|
| HS20821A | 5/50 mL | Polypropylene | Non-Sterile | 125 x 50 x 37 mm | 25/pkg |



Two basins in one

Multi-Channel Reagent Reservoirs

Designed and packaged for superior handling

Our multi-channel reservoirs are superior in every way with thicker walls, crush-resistant "turrets" at the corners, easy pour-spouts, 25 mL graduation marks, and tabs to prevent stacked reservoirs from sticking together.

- Tapered reservoir bottoms form into a narrow trough to aid full sample recovery
- Sterile versions are individually sealed in sani-tear HDPE packets and gamma-irradiated in an ISO-certified US facility. Traceable certificate available on request

- **Disposable**



Easy-pour spouts
Crush-resistant "turrets"

| Part No. | Volume | Material | Sterility | L x W x H | Qty. |
|-----------------|--------|-------------------|-------------|------------------|--------------------|
| HS20521A | 55 mL | Clear PVC | Non-Sterile | 145 x 85 x 25 mm | 100/pkg |
| HS20521B | 55 mL | White Polystyrene | Non-Sterile | 145 x 85 x 25 mm | 100/pkg |
| HS20521C | 55 mL | White Polystyrene | Sterile | 145 x 85 x 25 mm | 1/bag, 50 bags/pkg |
| HS20721B | 100 mL | White Polystyrene | Non-Sterile | 145 x 85 x 25 mm | 100/pkg |
| HS20721C | 100 mL | White Polystyrene | Sterile | 145 x 85 x 25 mm | 1/bag, 50 bags/pkg |



Pipette Tip Disposal Box

Quick flip of port cover makes tip ejection easy

Convenient for one-handed disposal of used pipette tips. eliminates any need to handle pipette tips used with hazardous fluids.

- The 3/8 in. (10 mm) thick acrylic provides protection from Beta radiation
- The large, hinged lid allows easy disposal of contents
- Suggest using in conjunction with small biohazard disposal bags (page 81), if hazardous fluids are not acrylic friendly

| Part No. | L x W x H |
|-----------------|--------------------|
| HS234634 | 154 x 171 x 206 mm |

Transfer Pipettes

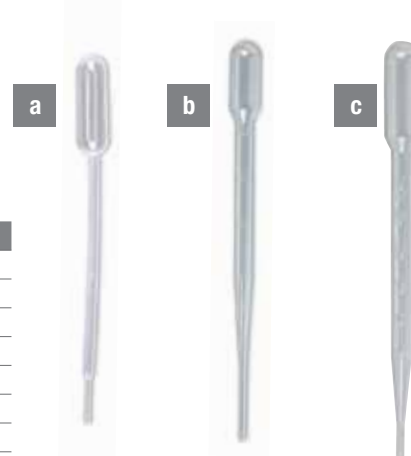
One-piece, unbreakable polyethylene plastic pipettes

Well-suited for blood banking, urinalysis, hematology, wet chemistry, microbiology, and serology.

- Bulk packed versions come in handy dispenser box
- Sterile versions available single wrapped, or 20 wrapped at a time
- Lot-to-lot traceability on sterile versions

- Disposable

| | Part No. | Sterile | Length | Graduations | Volume | Working Volume | Indv. Pkg. | Pkg. |
|----------|------------------|---------|--------|-------------|--------|----------------|------------|--------|
| a | HS206371A | No | 150 mm | 0.25 mL | 5 mL | 1 mL | Bulk | 500/pk |
| | HS206371B | Yes | 150 mm | 0.25 mL | 5 mL | 1 mL | 20/wrap | 500/pk |
| | HS206371C | Yes | 150 mm | 0.25 mL | 5 mL | 1 mL | 1/wrap | 500/pk |
| b | HS206372A | No | 155 mm | 0.5 mL | 5 mL | 2 mL | Bulk | 500/pk |
| | HS206372B | Yes | 155 mm | 0.5 mL | 5 mL | 2 mL | 20/wrap | 500/pk |
| | HS206372C | Yes | 155 mm | 0.5 mL | 5 mL | 2 mL | 1/wrap | 500/pk |
| c | HS206373A | No | 155 mm | 0.5 mL | 7 mL | 3 mL | Bulk | 500/pk |
| | HS206373B | Yes | 155 mm | 0.5 mL | 7 mL | 3 mL | 20/wrap | 500/pk |
| | HS206373C | Yes | 155 mm | 0.5 mL | 7 mL | 3 mL | 1/wrap | 500/pk |



Fillers and Bulbs

| Latex Dropper Bulbs (Natural Rubber) | Part No. | Capacity | Length | OD | Hole Dia | Pkg. | Color |
|---|-----------------|----------|--------|-------|----------|-------|-----------|
| | HS20622A | 1 mL | 43 mm | 13 mm | 5 mm | 72/pk | Natural ■ |
| | HS20622B | 2 mL | 52 mm | 13 mm | 6 mm | 72/pk | Natural ■ |

- Designed for use with Pasteur pipettes, small pipettes, and medicine droppers

| Rubber Bulbs (Natural Rubber) | Part No. | Capacity | Length | OD | Hole Dia | Pkg. | Color |
|----------------------------------|-----------------|----------|--------|-------|----------|------|-------|
| | HS20630B | 15 mL | 56 mm | 34 mm | 4 mm | 1/ea | Red ■ |
| | HS20630C | 30 mL | 66 mm | 46 mm | 6 mm | 1/ea | Red ■ |
| | HS20630D | 60 mL | 80 mm | 54 mm | 6 mm | 1/ea | Red ■ |
| | HS20630E | 150 mL | 103 mm | 73 mm | 6 mm | 1/ea | Red ■ |

- Contoured shape and heavy-wall neck increase grip for easier use with pipettes and syringes
- The 150 mL capacity (HS20630E) red bulb has reinforcing ribs for use with large pipettes.

| Vacuum/Pressure Bulb (Synthetic Rubber) | Part No. | Capacity | Length | OD | Hole Dia | Pkg. | Color |
|--|-----------------|----------|--------|-------|----------|------|---------|
| | HS20631B | 85 mL | 137 mm | 53 mm | 7.4 mm | 1/ea | Black ■ |

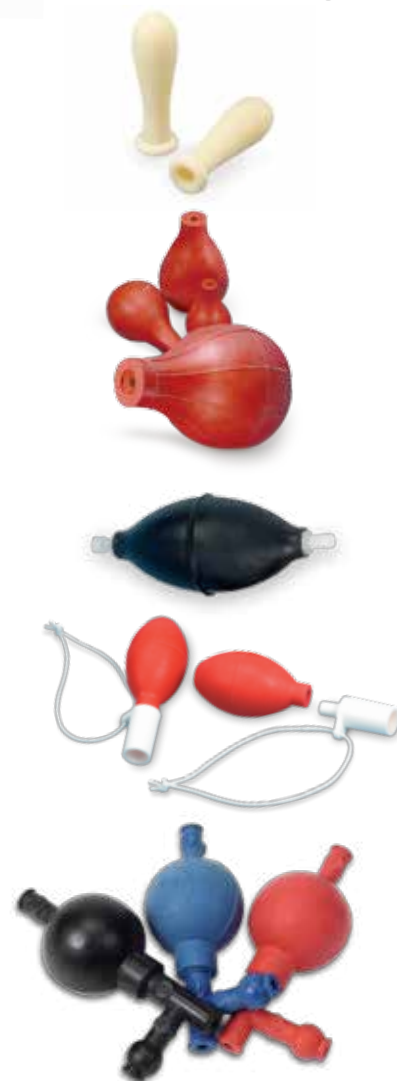
- Ideal for gas sampling or for pumping gas through apparatus
- Two rubber valves with PVC connections (tubing not supplied)

| Safety Bulb Pipette Filler (Natural Rubber) | Part No. | Capacity | Length | OD | Hole Dia | Pkg. | Color |
|--|----------------|----------|--------|-------|------------|------|-------|
| | HS20623 | 15 mL | 106 mm | 41 mm | 4.5-6.5 mm | 3/ea | Red ■ |

- Features a white ABS attachment containing a silicone conical adapter that seals around pipettes without twisting
- Pipette does not contact hard plastic, which reduces the risk of cracking and chipping
- Elastic band for hanging on reagent bottle or wrist
- Filler fits standard size pipettes

| Pipette Filler (Natural Rubber) | Part No. | L x W x D | Color |
|---------------------------------|-----------------|------------------|---------|
| | HS20632A | 130 x 54 x 54 mm | Black ■ |
| | HS20632B | 130 x 54 x 54 mm | Red ■ |
| | HS20632C | 130 x 54 x 54 mm | Blue ■ |

- Efficient one-handed operation
- Control air-evacuation, liquid uptake, and liquid dispensing with three valves each containing chemical-resistant stainless steel balls in valves
- Pinch release-valve for smooth liquid flow
- Red pipette filler is safe for pipetting of caustics and does not contain carbon black and will not smudge





microscopy/histology

Products meeting the demanding standards of clinical, research, and educational labs.

Premium Microscope Slide Boxes

Slide boxes are perfect for storage or transportation of standard size slides (25 x 75 mm and 1 x 3 inch)

- Molded, rigid boxes securely hold slides in grooved slots
- Durable ABS plastic boxes are available with either cork or foam lining
- Both the lining and the slots are numbered to correspond to the slide inventory sheet



25-place Slide Box

| Easy access slides with friction-fit cover | Part No. | Capacity | Lining | Hinge | L x W x H | Pkg. | Color |
|--|-----------------|-----------|--------|--------------|------------------|-------|-------|
| | HS15989A | 25 slides | Cork | Friction Fit | 141 x 88 x 35 mm | 72/cs | Blue |
| | HS15989B | 25 slides | Cork | Friction Fit | 141 x 88 x 35 mm | 72/cs | Green |
| | HS15989C | 25 slides | Cork | Friction Fit | 141 x 88 x 35 mm | 72/cs | Red |
| | HS15989E | 25 slides | Cork | Friction Fit | 141 x 88 x 35 mm | 72/cs | White |
| | HS15989M | 25 slides | Foam | Friction Fit | 141 x 88 x 35 mm | 72/cs | Blue |
| | HS15989P | 25 slides | Foam | Friction Fit | 141 x 88 x 35 mm | 72/cs | Red |
| | HS15989R | 25 slides | Foam | Friction Fit | 141 x 88 x 35 mm | 72/cs | White |



50-place Slide Box

| Thumb-latch lock mechanism | Part No. | Capacity | Lining | Hinge | L x W x H | Pkg. | Color |
|----------------------------|-----------------|-----------|--------|-------------|------------------|-------|-------|
| | HS15996A | 50 slides | cork | thumb-latch | 209 x 86 x 35 mm | 72/cs | Blue |
| | HS15996B | 50 slides | cork | thumb-latch | 209 x 86 x 35 mm | 72/cs | Red |
| | HS15996C | 50 slides | cork | thumb-latch | 209 x 86 x 35 mm | 72/cs | White |

Available in cork lining only



100-place Slide Box

| Closes securely with a rust-resistant, nickel-plated clasp and pin hinges | Part No. | Capacity | Lining | Hinge | L x W x H | Pkg. | Color |
|---|-----------------|------------|--------------|-------------------|-------------------|-------|--------|
| | HS15994A | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | Blue |
| | HS15994B | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | Green |
| | HS15994C | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | Red |
| | HS15994D | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | Yellow |
| | HS15994E | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | White |
| | HS15994F | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | Gray |
| | HS15994G | 100 slides | cork | nickle clasp | 208 x 175 x 34 mm | 72/cs | Black |
| | HS15994M | 100 slides | foam | nickle clasp | 208 x 175 x 34 mm | 72/cs | Blue |
| | HS15994P | 100 slides | foam | nickle clasp | 208 x 175 x 34 mm | 72/cs | Red |
| HS15994R | 100 slides | foam | nickle clasp | 208 x 175 x 34 mm | 72/cs | White | |



100-place Tall Slide Box

| Stackable with 100-place premium slide boxes | Part No. | Capacity | Lining | Hinge | L x W x H | Pkg. | Color |
|--|-----------------|------------|--------|--------------|-------------------|-------|-------|
| | HS15979A | 100 slides | Cork | Nickle Clasp | 208 x 175 x 60 mm | 72/cs | Blue |

Available in cork lining only
Additional space for larger 3 x 2 in. slides



Standard Microscope Slide Boxes

Constructed of durable polypropylene

Slide boxes hold either 25 or 100 standard slides (25 x 75 mm and 1 x 3 inches).

- Hinged lids are held securely closed with a latch lock
- Stacking feet maximize stability
- Slide identification card

| | Part No. | Capacity | Hinge | L x W x H | Color |
|------------------------------|-----------------|------------|------------|-------------------|--|
| Unlined and stackable | HS15990A | 25 slides | Latch Lock | 141 x 92 x 30 mm | Blue <input checked="" type="checkbox"/> |
| | HS15990B | 25 slides | Latch Lock | 141 x 92 x 30 mm | Red <input checked="" type="checkbox"/> |
| | HS15990C | 25 slides | Latch Lock | 141 x 92 x 30 mm | White <input type="checkbox"/> |
| | HS15991A | 100 slides | Latch Lock | 210 x 169 x 37 mm | Blue <input checked="" type="checkbox"/> |
| | HS15991B | 100 slides | Latch Lock | 210 x 169 x 37 mm | Red <input checked="" type="checkbox"/> |
| | HS15991C | 100 slides | Latch Lock | 210 x 169 x 37 mm | White <input type="checkbox"/> |



Storage Rack for Microscope Slide Boxes

Create a file system for 50 and 100 place slide boxes

Storage rack makes organization of samples easy.

- Clear acrylic construction allows the labels to be seen on the slide boxes
- Place boxes in rows or columns by color to create an easy coding system

| Part No. | Bins | L x W x H |
|------------------|---------|-----------------|
| HS159890B | 15 bins | 711 x 171 x 228 |

truenorth® Microscope Slide Box

Store in ultra-low temperatures with confidence

Protect your slides in ultra-low temperature ranges down to -80°C.

- Durable polycarbonate and stainless steel clasp/ friction fit lid
- Safe storage and transport of 25 x 75 mm (3 x 1 in.) slides
- Uniform grooved slide slots separate slides preventing slide contact
- Temperature-resistant numbered foam lining and identification sheet
- Stackable
- **Autoclavable**

| Part No. | Capacity | Hinge | L x W x H | Color |
|-----------------|------------|------------------|-------------------|--|
| HS15988H | 100 slides | Nickle | 208 x 175 x 34 mm | Purple <input checked="" type="checkbox"/> |
| HS120316 | 25 slides | Friction Fit Lid | 141 x 88 x 35 mm | Blue <input checked="" type="checkbox"/> |



SEE PAGE 63
Slide box freezer racks



Cardboard Slide Tray

Cardboard slide trays hold standard slides (25 x 75 mm and 1 x 3 inches)

- Horizontal compartments are recessed to protect the specimens when the cover is closed
- Features thumb cut for easy slide removal
- Available in 2 sizes with 5 color options for the 20-place trays
- **Disposable**

| Part No. | Capacity | L x W x H | Qty. | Trim/Imprinting |
|-----------------|-----------|-------------------|-------|-----------------|
| HS9902 | 20 slides | 208 x 341 x 9 mm | 72/cs | Black ■ |
| HS9913 | 20 slides | 208 x 341 x 9 mm | 72/cs | Blue ■ |
| HS9914 | 20 slides | 208 x 341 x 9 mm | 72/cs | Green ■ |
| HS120196 | 20 slides | 208 x 341 x 9 mm | 72/cs | Red ■ |
| HS120197 | 20 slides | 208 x 341 x 9 mm | 72/cs | Yellow ■ |
| HS9930 | 30 slides | 281 x 328 x 10 mm | 40/cs | Black ■ |



20-place Slide Tray Racks

Search, identify, and easily locate the specimen slide you need

Store multiple slide trays for easy retrieval—ideal for microbiology, histology, and pathology fields.

- ABS rack holds five 20-place slide trays (*not included see above*)
- Eliminates the worry of breakage during retrieval—easy access to each of the trays
- Matching clasps provide area for identification labels and doubles as a handle
- Portable and refrigerator safe for cold sample storage
- Stack multiple units to create your own library

| Part No. | Capacity | L x W x H | Color |
|-----------------|---------------|--------------------|--------|
| HS99040A | 5 slide trays | 226 x 340 x 125 mm | Blue ■ |

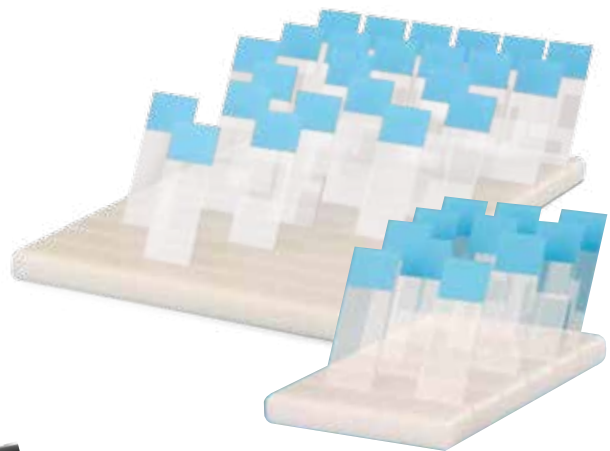


Slide Holders

Hold slides during evaluation, cleaning, and drying

- Made from chemical-resistant polyethylene
- Solid, strong construction with rubber feet for bench top stability

| Part No. | Capacity | L x W x H |
|-----------------|-----------|-------------------|
| HS15981A | 40 slides | 298 x 105 x 24 mm |
| HS15981B | 78 slides | 299 x 178 x 21 mm |
| HS15981C | 15 slides | 153 x 102 x 21 mm |



Tungsten-point Lab Pen

Permanently mark glass slides, test tubes, and labware

Sharp, Tungsten carbide tip etches glass, ceramic, and plastic.

- Retract tip for safe storage

| Part No. | Measurement |
|---------------|-----------------------|
| HS1846 | 9.8 mm dia x 137 mm L |

Slide Mailers

Disposable, safe, secure transport of microscope slides

Cardboard Slide Mailers

| Heavy cardboard mailers for safe transport | Part no. | Capacity | L x W x H | Qty. | Color |
|--|---------------|----------|-----------------|-------|----------------------------------|
| | HS9903 | 1-place | 95 x 42 x 5 mm | 25/pk | Natural <input type="checkbox"/> |
| | HS9904 | 2-place | 103 x 79 x 5 mm | 36/pk | Natural <input type="checkbox"/> |

- Thumb grooves easy slide removal
- 1-and-2-place slide mailer versions
- Each will hold 25 x 75 mm (1 x 3 in) and or 26 x 76 mm sized slides
- **Disposable**



Plastic 2-place Slide Mailers

| Ideal for secure shipping and storing of slides | Part no. | Capacity | L x W x H | Qty. | Color |
|---|-----------------|----------|----------------|-------|--|
| | HS15983A | 2-place | 93 x 68 x 5 mm | 25/pk | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |
| | HS15983B | 2-place | 93 x 68 x 5 mm | 25/pk | Natural <input type="checkbox"/> |

*Assorted colors (Red, Yellow, Blue, Purple, Orange)

- Polypropylene protectors hold two standard (25 x 75 mm and 1 x 3 in) slides securely
- Large, easy-to-secure snaps, provide safe storage for valuable slides
- Variety of colors brings some fun to the lab and enables color coding
- **Disposable**



Plastic 5-place Slide Mailers

| Ideal for secure shipping, storing, or staining slides | Part No. | Capacity | L x W x H | Qty. | Color |
|--|-----------------|----------|-----------------|-------|--|
| | HS15982 | 5-place | 81 x 19 x 31 mm | 25/pk | Natural <input type="checkbox"/> |
| | HS15983G | 5-place | 43 x 24 x 88 mm | 25/pk | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |
| | HS15986 | 5-place | 43 x 24 x 88 mm | 25/pk | Natural <input type="checkbox"/> |

*Assorted colors (Red, Yellow, Blue, Purple, Orange)

- Polypropylene containers hold five standard slides (25 x 75 mm and 1 x 3 in)
- Inside wall features slotted channels to keep slides separated and to make removal easier
- Lid closes securely to keep slides safe
- **Disposable**



Lens Tissue Books

Non-abrasive cleaning for delicate optical surfaces

- Lint-free fiber paper is ideal for cleaning lens and optics.
- Pack consists of 20 books of 100 sheets (4 inner packs of 5 books)

| Part No. | L x W |
|----------------|--------------------------|
| HS15920 | 100 x 150 mm size sheets |



Slide Staining Tray Set

Reduce possible cross contamination and messy work areas

This rugged staining tray is an economical alternative to metal versions.

- Stain, rinse, and dry slides on a single working tray
- Made from a polypropylene and polyethylene blend
- A clean and fresh working surface area every time
- Up to eight slides fit comfortably onto the base and the deep well holds up to 38 mL
- Compact size and recessed handles for easy transport from work area to sink
- Two convenient pour spouts for quick disposal of unwanted liquid waste
- Dark lid protects slides for light sensitive applications
- Pack of 4 base trays and 1 lid

- Disposable

| Part no. | Capacity | L x W x H |
|-----------------|----------|---------------------|
| HS15951A | 8 slides | 305 x 127 x 29.5 mm |



Easy, one-button operation!



Two adapters included for viewing various media

| Part No. | Dimensions |
|-----------------|--------------------|
| HS15941A | 44 mm dia; 64 mm H |

Handheld Digital Microscope

Portable compact microscope captures photos, record video and display digital images

Simply hold the unit over an object, turn the top to focus and press the single control button.

- USB powered computer connection and designed to fit in one hand
- Use with a computer or projector
- Software compatible with Microsoft Windows® and Mac (98se/2000/me/XP/Vista/7), MAC OS® x 10.4. computer with monitor required for use (not included)
- Up to 43x magnification using a 17 in monitor (Up to 53x using a 21 in monitor)
- High-quality resolution with 640 x 480 pixels (1280 x 960 mac)
- Direct x 9.0 or above required for Windows os, VGA CMOS sensor
- 15 frames per second with auto white balance and auto exposure
- 4 LED lights illuminate dark settings or objects
- Simple plug and play functionality

Flexible Digital Microscope

Capture high-quality images at up to 200x magnification

Easy-to-use microscope connects to any PC and provides high-quality images from 10x to 200x magnification.

- Built-in camera and microphone provide immediate assessment
- Use with a projector or pc. charges and uploads via computer USB port
- Features true 1.3 mp resolution
- 15 FPS frame rate, focus wheel
- 6 LED lights and measurement software Direct x 9.0 required
- Computer with monitor required for use (*not included*)
- Portable and ideal for investigating flat or 3d subject matter especially items often difficult to see around or behind
- Ideal for forensic, life science, agricultural, industrial and safety investigations, etc.

| Part no. | Base Measures | Bendable Neck Measures |
|-----------------|---------------|------------------------|
| HS15941B | 89 x 127 mm | 559 mm |

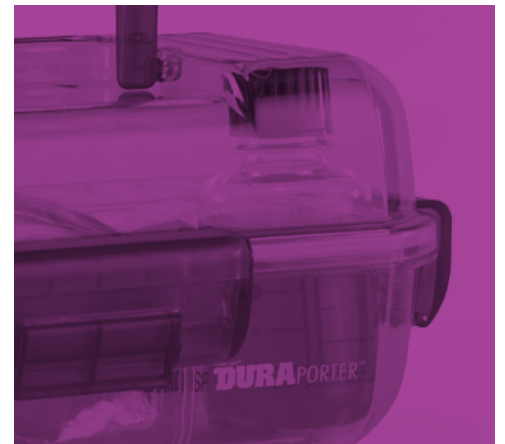


Focus wheel

Gooseneck bends easily



droplet™



sample/blood collection

Make everyday easier and safer with products designed by phlebotomists, for phlebotomists.

Blood Collection Tray

Light weight, heavy on organization

Organize your phlebotomy, I.V. start or catheter insertion supplies with this spacious, robust and easy to clean carry tray.

- Lightweight easy-to-clean abs construction
- Customize the compartments to suit your personal needs with the dividers provided.
- Comfort grip handle tested to hold up to 10 kg
- Comes complete with a 17 mm well 60 place tube rack

| Part No. | L x W x H | Handle Height | Tube Rack |
|-----------------|---|------------------|------------|
| HS120261 | 16.4 x 12.2 x 3.3 in (41.9 x 31.1 x 8.5 cm) | 9.4 in (24.1 cm) | 17 mm rack |



Hooks lock in place when not in use

totemax™ Blood Collection Trays

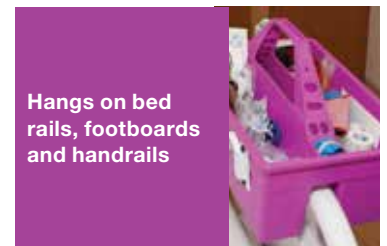
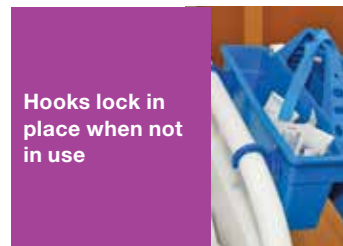
Keep off the floor, work top or bed



Unique phlebotomy tray design and patented hook feature allows the tray to be on or over most bed rail, footboard and handrails outside a typical patient room.

- Made from food grade resins for a durable non-breakable design
- Deep tray design helps reduce spills

| Part No. | L x W x H | Color |
|-----------------|---|--|
| HS120021 | 17 x 11 x 11 in (43.2 x 27.9 x 27.9 cm) | Blue ■ |
| HS120022 | 17 x 11 x 11 in (43.2 x 27.9 x 27.9 cm) | Red ■ |
| HS120023 | 17 x 11 x 11 in (43.2 x 27.9 x 27.9 cm) | Pink ■ |
| HS120024 | 17 x 11 x 11 in (43.2 x 27.9 x 27.9 cm) | Purple ■ |
| HS120025 | 17 x 11 x 11 in (43.2 x 27.9 x 27.9 cm) | Green ■ |



Sharps Containers

Easy to use and transport

- Provides safe disposal of syringes, needles and other small sharp. stackable to reduce storage space before use
- 1.0 L capacity (quart) with a clear lid to view fill level
- Slide access lid provides temporary and final closures for safety and security
- Built-in needle removal port, prevents direct contact with sharps
- Compatible with the **droplet®** blood collection tray, **totemax™** and blood collection tray **HS120261**

| Part No. | L x W x H | Pkg. | Colors |
|-----------------|--|-------|--|
| HS120177 | 4.5 x 4.5 x 7.5 in (11.5 x 11.5 x 19.2 cm) | 18/pk | Red ■ |
| HS120178 | 4.5 x 4.5 x 7.5 in (11.5 x 11.5 x 19.2 cm) | 18/pk | Yellow ■ |



droplet™

Blood Collection Tray

Designed with phlebotomists in mind

Lightweight, roomy and easy-to-clean Droplet™ Blood Collection Tray. Keeping a clean and organized tray has never been easier. Wash the ABS tray as needed, and replace the insert periodically for a fresh start. Tray inserts come in two configurations and include an extra-deep compartment for a sharps container on the following page.

- Lightweight, washable ABS tray
- Tray features a supply drawer, side pockets, and a ratcheting handle with soft rubber grip that rotates out of the way for easy access
- Each tray includes either a 13 mm or a 16 mm Heathrow **onerack**® tube rack and two disposable polystyrene inserts
- Additional inserts sold in packs of 4 in two different configurations



Removable, washable, disposable inserts



Disposable insert A for 13 mm tube rack



Disposable insert B for 16 mm tube rack



Handle with soft rubber grip for easy, safe transport

Droplet™ Configurations

| Part No. | Description | L x W x H | Handle Height |
|----------------|--|--|---------------|
| HS2200A | droplet™ blood collection tray with 2 inserts (style a) and a 36-place, 13 mm test tube rack | 16.8 x 10.4 x 6.7 in (42.9 x 26.5 x 17.2 cm) | 11 in (28 cm) |
| HS2200B | droplet™ blood collection tray with 2 inserts (style b) and a 36-place, 16 mm test tube rack | 16.8 x 10.4 x 6.7 in (42.9 x 26.5 x 17.2 cm) | |

Droplet™ Inserts

| Part No. | Description | L x W |
|----------------|--|----------------------------|
| HS2201A | droplet™ blood collection tray insert a for 13 mm tube rack | 14.2 x 8.2 in (36 x 21 cm) |
| HS2201B | droplet™ blood collection tray insert b for 16 mm tube rack | 14.2 x 8.2 in (36 x 21 cm) |



Droplet™ Lid

Cover for the droplet™ blood collection tray

Protect the contents of the Droplet Tray with this Droplet lid.

Custom designed sturdy lid is a snug fit, protects contents and provides access to the tray handle in its vertical position.

- Made of polystyrene
- Can be secured with cable ties for extra security
- Stackable



Keeps contents clean and secure

| Part No. | L x W x H | Color |
|---------------|---------------------------------------|--------------------------------|
| HS2202 | 16.5 x 9.4 x 8 in (42 x 24 x 20.5 cm) | White <input type="checkbox"/> |

Sample Collection Cart

Stable, secure, transport of collection supplies provides a stable, mobile center for blood collection in your facility

Standard features include:

- Made of durable stainless steel and aluminum construction
- Handle for pulling the unit
- Painted surfaces utilize Microban® protection
- 5 wheel, weighted base for stability of unit
- Designed to hold the droplet™ blood collection station* (See page 52)

Sample Collection Cart

| | |
|-----------------------|---------------------------------------|
| Part No. | HS120263 |
| Adjustable Height | 30 to 55 in (76.2 x 139.7 cm) |
| Designated Tray Area | 16 x 9 x 6 in (42.9 x 26.5 x 17.2 cm) |
| Working Surface Area | 14.25 x 7.5 in (36.2 x 19.1 cm) |
| Autoclavable Bin | — |
| Waste Container w/Lid | — |

Deluxe Sample Collection Cart

| | |
|-----------------------|--|
| Part No. | HS120264 |
| Adjustable Height | 30 to 55 in (76.2 x 139.7 cm) |
| Designated Tray Area | 16 x 9 x 6 in (42.9 x 26.5 x 17.2 cm) |
| Working Surface Area | 14.25 x 7.5 in (36.2 x 19.1 cm) |
| Autoclavable Bin | Clear – 15.5 x 10 x 6 in (40.6 x 25.4 x 15.2 cm) |
| | Blue – 10 x 7.4 x 6 in (25.4 x 17.8 x 15.2 cm) |
| Waste Container w/Lid | 1.75 quarts (1.65 L) |



Adjustable height



Working surface

Blue Bin

Clear Bin

Waste Container

Deluxe Sample Collection Cart

*Droplet™ blood collection tray and accessories not included

droplet™



Corrugated Sample Storage Tray

Disposable sample organization and storage

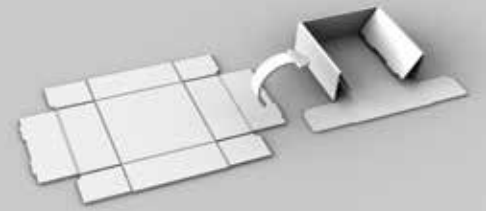
Corrugated storage trays can be used with the included dividers for specimen containers or remove them for general lab product storage or transport.

- Made from corrugated polypropylene
- Moisture resistant, significantly reducing the chance of mold
- Lightweight and sturdy to hold up to 24 full specimen containers
- Stackable with other trays
- Removable dividers allow outer shell to be used for storage or transport of laboratory products
- Pack includes: 10 trays and 10 dividers
- **Disposable**

| Part No. | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|-------|-----------|---|---------|--------------------------------|
| HS120375 | 24 | 58 mm | 16 x 10.24 x 3.5 in (40.6 x 26 x 8.9 cm) | 10/pack | White <input type="checkbox"/> |

Trays are supplied "flat-packed"

reducing the amount of space needed for storage



Use for storage or transport of laboratory products



Removable inserts



Droplet® Sample Storage Tray

Sample organization for the busy lab

Hard wearing storage trays that can be used for specimen containers with the insert provided, or for general lab products without the insert.

- Lightweight and sturdy to hold up to 24 full specimen containers. (Specimen containers not included)
- Removable insert to allow outer shell to be used for storage or transportation of laboratory products
- Stackable with other trays to support as many as four high
- Integrated label holder and cards to enable easily changed identification
- Able to be cleaned with common disinfectants and germicides

| Part No. | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|-------|-----------|--|------|--------------------------------|
| HS120172 | 24 | 58 mm | 18.9 x 13 x 3.3 in (48 x 33.1 x 8.4 cm) | 1/ea | White <input type="checkbox"/> |



Use for storage or transport of laboratory products



Epoxy Coated Wire Racks

Durable racks for transport or sample handling

- Chemically-resistant epoxy-coated steel wire racks
- Suitable for conical, round or flat bottom glass or plastic tubes and bottles

- Autoclavable

| Universal Bottle Tube Racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|--------------------------------|-----------------|--------|-------|------------|---|------|--|
| | HS120087 | 2 x 6 | 12 | 33 mm | 8.3 x 3.14 x 2.36 in (21.2 x 8.0 x 6.0 cm) | 1/ea | Blue ■ |
| | HS120088 | 5 x 10 | 50 | 33 mm | 13.97 x 7.44 x 2.36 in (35.5 x 18.9 x 6.0 cm) | 1/ea | Blue ■ |

- Rack suitable for universal, McCartney and Scintillation vials and low profile tubes up to 33 dia
- Mesh bottom support



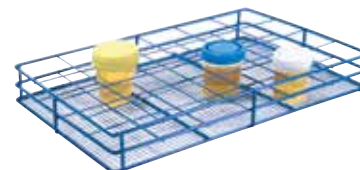
| Bijou Bottle Tube Racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------------------------|-----------------|--------|-------|------------|--|------|--|
| | HS120085 | 2 x 6 | 12 | 25 mm | 6.4 x 2.51 x 1.25 in (16.4 x 6.4 x 3.2 cm) | 1/ea | Blue ■ |
| | HS120086 | 5 x 10 | 50 | 25 mm | 10.66 x 5.7 x 1.25 in (27.1 x 14.5 x 3.2 cm) | 1/ea | Blue ■ |

- Rack suitable for bijou bottles and low profile tubes up to 25 mm dia
- Mesh bottom support



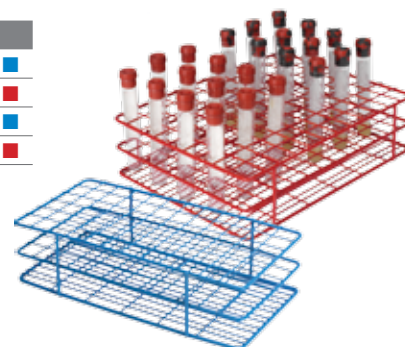
| Urine Container Rack | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-------------------------|-----------------|-------|-------|------------|--|------|--|
| | HS120091 | 6 x 4 | 24 | 58 mm | 15.47 x 10.31 x 1.97 in (39.3 x 26.2 x 5 cm) | 1/ea | Blue ■ |

- Ideal for urine containers up to 58 mm dia.
- Slotted bottom
- Mesh bottom support



| 13 and 16 mm Tube Racks | Part No. | Array | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------------------------|-----------------|--------|-------|------------|--|------|--|
| | HS120089 | 6 x 12 | 72 | 13 mm | 8.07 x 4.13 x 2.55 in (20.5 x 10.5 x 6.5 cm) | 1/ea | Blue ■ |
| | HS120090 | 9 x 12 | 108 | 13 mm | 8.07 x 6.37 x 2.55 in (20.5 x 16.2 x 6.5 cm) | 1/ea | Red ■ |
| | HS23072 | 6 x 12 | 72 | 16 mm | 9.33 x 5.0 x 2.55 in (23.7 x 12.7 x 6.5 cm) | 1/ea | Blue ■ |
| | HS23108 | 9 x 12 | 108 | 16 mm | 9.5 x 7.40 x 2.55 in (24.1 x 18.8 x 6.5 cm) | 1/ea | Red ■ |

- Holds either 13 and 16 mm blood collection tubes
- Available in two formats
- Slotted bottom



DURAPORTER®

Transport Box

Ideal for transporting biological and clinical samples, as well as instruments and products that you want to keep clean and dry under testing environmental conditions.

The clarity of the duraporter™ enables the user to visibly check sample integrity, so that it can be opened using the right precautions.

- Polycarbonate construction and available in three colors for user/owner identification
- Silicone water-tight seal and three lid clasps provide secure closure
- Carry handle folds neatly into body space allowing the units to be stacked
- Lid opens a full 180°, allowing total access to contents and making it easier to clean
- Will accommodate 13 and 16 mm tubes in a 72-place **onerack™**, or similar sized/brand of rack (see pages 14, 15, 56, and 57)
- Use the separators provided to create your own compartment sizes, or use empty to transport larger products and equipment
- Autoclavable



Safe,
secure
transport
and
storage

| Part No. | L x W x H | Color |
|-----------------|---------------------------------------|---|
| HS120052 | 15 x 7.7 x 6.3 in (38 x 19.6 x 16 cm) | Clear with Blue Handles □ |
| HS120077 | 15 x 7.7 x 6.3 in (38 x 19.6 x 16 cm) | Red with Red Handles ■ |
| HS120078 | 15 x 7.7 x 6.3 in (38 x 19.6 x 16 cm) | Yellow with Yellow Handle ■ |



one rack®

test tube rack

Tough and more highly resistant to acids, bases, solvents and heat

One**rack**® durable racks are molded in a single, continuous piece so no assembly required and there are no detachable pieces.

Delrin® Fiberglass-Reinforced Polyoxymethylene (POM)

- Offers the highest chemical and heat resistance (-40 to +140°C)
- Available in half and full rack sizes for 5 different tube diameters
- **Autoclavable**

Polypropylene

- Offers good chemical and heat resistance (0 to 110°C)
- Available in half and full rack sizes for 2 different tube diameters
- **Not recommended for autoclaving**

Both Rack Materials

- Have molded coordinates for tube orientation
- Stable design for use in water baths
- Have flat labeling area for easier identification



compact half-size racks



full-size racks

Full-Size Delrin®

| Part No. | Tubes | Wells | Well Dia. | L x W x H | | Pkg. | Color | |
|-----------------|------------|-------|-----------|---------------------|------------------------|-------|---------|-------------------------------------|
| HS27511A | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 2.3 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27512A | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27513A | 10 - 18 mL | 40 | 20 mm | 3.9 x 9.9 x 3.2 in | (10 x 25.2 x 8.3 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27514A | 10 - 18 mL | 40 | 25 mm | 4.7 x 11.8 x 3.6 in | (12 x 30 x 9.2 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27515A | 15 - 50 mL | 24 | 30 mm | 4.3 x 11.1 x 3.3 in | (11 x 28.2 x 8.5 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27511B | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 2.3 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27512B | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27513B | 10 - 18 mL | 40 | 20 mm | 3.9 x 9.9 x 3.2 in | (10 x 25.2 x 8.3 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27514B | 10 - 18 mL | 40 | 25 mm | 4.7 x 11.8 x 3.6 in | (12 x 30 x 9.2 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27515B | 15 - 50 mL | 24 | 30 mm | 4.3 x 11.1 x 3.3 in | (11 x 28.2 x 8.5 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27511C | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 2.3 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27512C | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27513C | 10 - 18 mL | 40 | 20 mm | 3.9 x 9.9 x 3.2 in | (10 x 25.2 x 8.3 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27514C | 10 - 18 mL | 40 | 25 mm | 4.7 x 11.8 x 3.6 in | (12 x 30 x 9.2 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27515C | 15 - 50 mL | 24 | 30 mm | 4.3 x 11.1 x 3.3 in | (11 x 28.2 x 8.5 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27511D | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 2.3 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27512D | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27513D | 10 - 18 mL | 40 | 20 mm | 3.9 x 9.9 x 3.2 in | (10 x 25.2 x 8.3 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27514D | 10 - 18 mL | 40 | 25 mm | 4.7 x 11.8 x 3.6 in | (12 x 30 x 9.2 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27515D | 15 - 50 mL | 24 | 30 mm | 4.3 x 11.1 x 3.3 in | (11 x 28.2 x 8.5 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS120205 | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 2.3 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |
| HS120206 | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |
| HS120207 | 15 - 50 mL | 24 | 30 mm | 4.3 x 11.1 x 3.3 in | (11 x 28.2 x 8.5 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |

Half-Size Delrin®

| Part no. | Tubes | Wells | Well Dia. | L x W x H | | Pkg. | Color | |
|-----------------|------------|-------|-----------|--------------------|------------------------|-------|---------|-------------------------------------|
| HS27501A | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27502A | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27503A | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27504A | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27505A | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27501B | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27502B | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27503B | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27504B | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27505B | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27501C | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27502C | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27503C | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27504C | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27505C | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27501D | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27502D | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27503D | 10 - 18 mL | 20 | 20 mm | 4 x 5 x 3.2 in | (10 x 12.7 x 8.3 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27504D | 10 - 18 mL | 16 | 25 mm | 4.7 x 4.8 x 3.6 in | (12 x 12.2 x 9.2 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27505D | 15 - 50 mL | 9 | 30 mm | 4.3 x 4.3 x 3.3 in | (11 x 11 x 8.5 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS120398 | 5 - 10 mL | 36 | 13 mm | 4.1 x 4.1 x 2.3 in | (10.4 x 10.4 x 5.9 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |
| HS120399 | 5 - 10 mL | 36 | 16 mm | 5 x 5 x 2.7 in | (12.7 x 12.7 x 7 cm) | 8/pkg | Yellow | <input checked="" type="checkbox"/> |

Full-Size Polypropylene

| Part No. | Tubes | Wells | Well Dia. | L x W x H | | Pkg. | Color | |
|-----------------|-----------|-------|-----------|------------------|------------------------|-------|---------|-------------------------------------|
| HS27551A | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 5.9 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27552A | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | White | <input type="checkbox"/> |
| HS27551B | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 5.9 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27552B | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Blue | <input checked="" type="checkbox"/> |
| HS27551C | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 5.9 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27552C | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Green | <input checked="" type="checkbox"/> |
| HS27551D | 5 - 10 mL | 72 | 13 mm | 4 x 7.9 x 5.9 in | (10.4 x 20.2 x 5.9 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |
| HS27552D | 5 - 10 mL | 72 | 16 mm | 5 x 9.8 x 2.7 in | (12.7 x 25 x 7 cm) | 8/pkg | Magenta | <input checked="" type="checkbox"/> |

Mega Racks®

High-capacity storage for your tubes

- Fully-assembled, polypropylene mega racks are great for high throughput labs requiring large sample storage
- Sturdy and light weight material for easy transport
- Alphanumeric identification for quick location and retrieval of tubes
- Place different test groupings into one rack eliminating the need for multiple racks
- **Autoclavable**

Single-Size Polypropylene

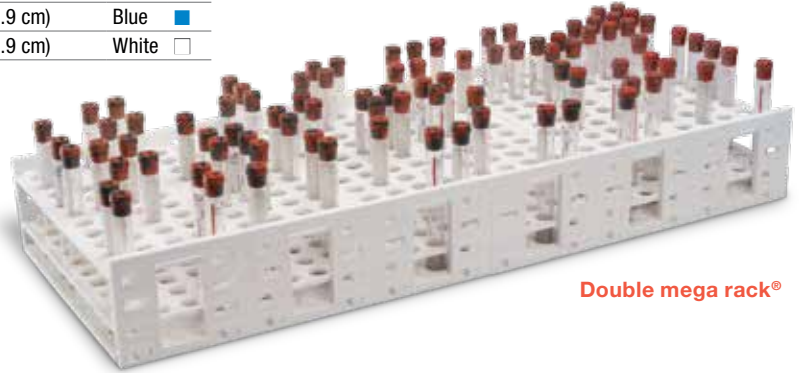
| Part No. | Tubes | Wells | Well Dia. | L x W x H | Color |
|-----------------|---------------|-------|-----------|--|--|
| HS24322A | 5-7 mL (13mm) | 216 | 13 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | Blue <input checked="" type="checkbox"/> |
| HS24322E | 5-7 mL (13mm) | 216 | 13 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | White <input type="checkbox"/> |
| HS24323A | 10 mL (16 mm) | 120 | 16 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | Blue <input checked="" type="checkbox"/> |
| HS24323E | 10 mL (16 mm) | 120 | 16 mm | 13.26 x 10.51 x 3.58 in (33.7 x 26.7 x 9.1 cm) | White <input type="checkbox"/> |

Double-Size Polypropylene

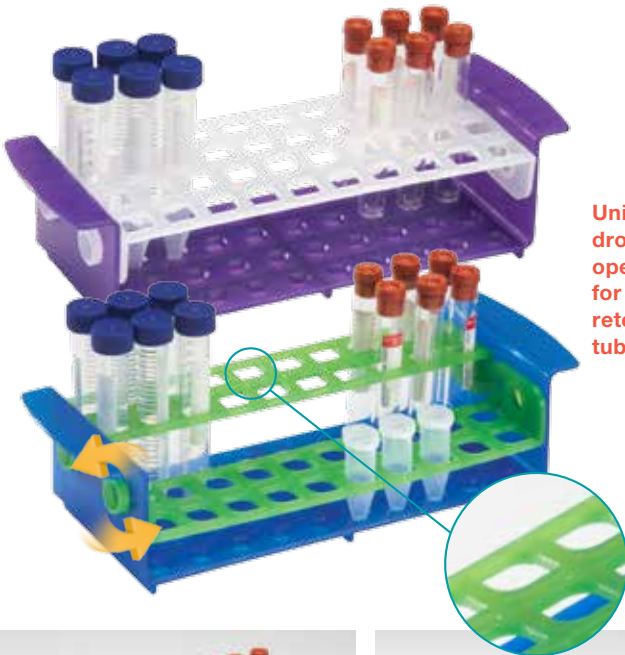
| Part No. | Tubes | Wells | Well Dia. | L x W x H | Color |
|-----------------|---------------|-------|-----------|---|--|
| HS120113 | 5-7 mL (13mm) | 432 | 10-13 mm | 26.4 x 9 x 3.1 in (67.3 x 23 x 8 cm) | Blue <input checked="" type="checkbox"/> |
| HS120112 | 5-7 mL (13mm) | 432 | 10-13 mm | 26.4 x 9 x 3.1 in (67.3 x 23 x 8 cm) | White <input type="checkbox"/> |
| HS120115 | 10 mL (16 mm) | 240 | 13-16 mm | 20.5 x 10.2 x 3.5 in (52.1 x 26 x 8.9 cm) | Blue <input checked="" type="checkbox"/> |
| HS120114 | 10 mL (16 mm) | 240 | 13-16 mm | 20.5 x 10.2 x 3.5 in (52.1 x 26 x 8.9 cm) | White <input type="checkbox"/> |



Single mega rack®



Double mega rack®



Unique tear drop shaped openings for better retention of tubes

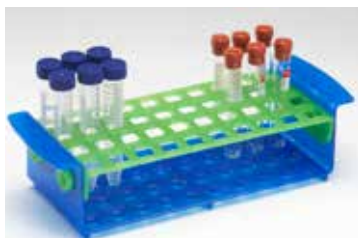
NEW

5 mL/15 mL/16mm Test Tube Rack

Rotate with ease to accommodate your needs

This multi-purpose rack is designed with the flexibility to hold 20 - 5 mL and 20 - 15 mL tubes OR to hold 40 - 5 mL or 40 - 15 mL tubes. The rack incorporates two moving hinged upper shelves that can be rotated to an up or down position to accommodate the size of the tube being used. In addition, the rack can also hold clinical tubes of a similar diameter (16 mm) and height.

- Rack holds 5 or 15 mL tubes (or tubes up to 16 mm in diameter) or a combination of 20 - 5 mL or 15 mL tubes.
- Unique tear drop shaped openings (top tray) for better retention of tubes
- Ergonomic handles for ease of use
- Imprinted grid on both sides of the upper shelves for quick identification and retrieval
- Shelves can be easily rotated to accommodate the different size tubes

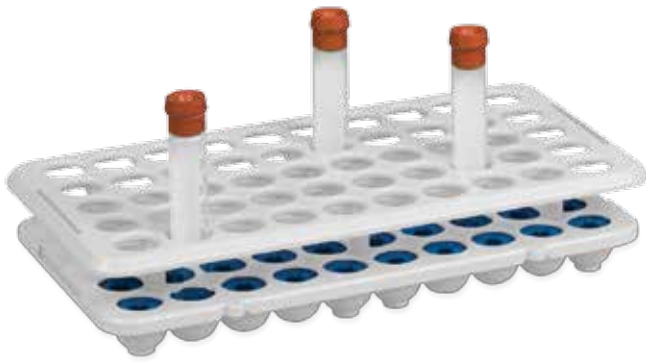


Rotate one or both segments up to hold 15 mL or clinical tubes



Rotate one or both segments down to hold 5 mL tubes

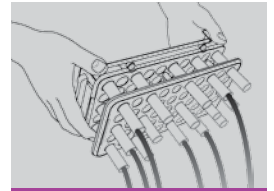
| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|---------|-------|-----------|---|------|--|
| HS120167 | 5/15 mL | 40 | 17 mm | 12.16 x 4.21 x 3.03 in (30.9 x 10.7 x 7.7 cm) | 1/ea | Purple Natural <input type="checkbox"/> |
| HS120467 | 5/15 mL | 40 | 17 mm | 12.16 x 4.21 x 3.03 in (30.9 x 10.7 x 7.7 cm) | 1/ea | Green Blue <input checked="" type="checkbox"/> |



Grab Rack™

Rack features silicone grips to hold tubes in place

- ABS rack with silicone gripping fingers
- Turn the rack over and the tubes will not fall out
- No assembly required
- **Not recommended for autoclaving**



Hold and pour feature

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|---------|-------|-----------|---|------|--------------------------------|
| HS24371A | 5-10 mL | 50 | 16 mm | 10 x 5 x 2 in (25.9 x 12.7 x 4.9 cm) | 1/ea | White <input type="checkbox"/> |

X-tourn™ Tourniquets

Hi-viz orange alert for safer practice

High-quality disposable tourniquets eliminate roping or curling when used. Latex free, no rubber proteins, resins or fatty acids that can produce hypersensitive reactions.

- Made from and smooth polyisoprene
- Less abrasive than other brands, uniform thickness prevents shredding and breaking
- **Disposable**

| Part No. | L x W | Packaging | Color |
|-----------------|-----------------------------|-----------|--|
| HS120108 | 18 x 1 in (45.72 x 2.54 cm) | 100/pk | Green ■ |
| HS120109 | 18 x 1 in (45.72 x 2.54 cm) | 25/roll | Green ■ |
| HS120110 | 18 x 1 in (45.72 x 2.54 cm) | 250/pk | Orange ■ |
| HS120111 | 18 x 1 in (45.72 x 2.54 cm) | 25/roll | Orange ■ |



Available in bulk or on a perforated roll



Hand Tally Counter

Use for counting blood cells, bacterial colonies, drops of liquid or any repetitive event

- Tallies up to 9999
- Features a quick-reset knob
- Lens for easy reading, and finger ring for a secure grip

| Part No. | Dimensions |
|---------------|---|
| HS6594 | 1.8 dia x 1.6 w in (4.6 dia x 4.1 w cm) |

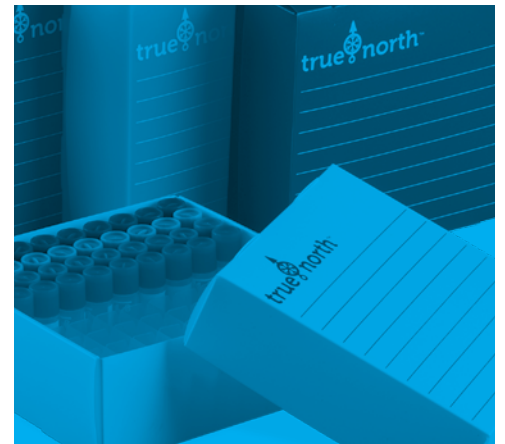
Benchtop Counters

Mechanical, benchtop counters are perfect for blood cells (label included), bacterial colonies or other repetitive counting

- Each key records up to 999
- Total window keeps track of total number of strokes made on all other keys; bell rings when total reaches 100
- Blood cell key labels

| Part No. | Description | L x W x H mm |
|----------------|------------------------|---------------------------------------|
| HS5360A | 6-Key Benchtop Counter | 9.8 x 3 x 2.2 in (25 x 7.6 x 5.6 cm) |
| HS5360B | 9-Key Benchtop Counter | 12.5 x 3 x 2.2 in (32 x 7.6 x 5.6 cm) |





cryo storage

From cool-looking ice containers, to freezer racking compatible with most major brands, our innovative range of products continues to expand.

Freezer Racks

Offering a variety of racks to safely store samples in your freezer

Choose from a wide selection of corrosion-resistant stainless steel racks that are compatible with major brands of upright and chest freezers.

- All have handles for easy use
- Racks store boxes up to a 135 x 135 mm footprint and accommodate 2" tall boxes (up to 5 cm) as well as 3" tall boxes (up to 7.6 cm) depending on the rack model

Chest Freezer Racks

| Part no. | Config. | Box Size | L x W x H |
|----------|---------|---------------|---|
| HS2862AB | 7 x 1 | 2 in (5.3 cm) | 5.5 x 5.5 x 15.3 in (14.1 x 14.1 x 39 cm) |
| HS2862A | 10 x 1 | 2 in (5.3 cm) | 5.5 x 5.5 x 22 in (14.1 x 14.1 x 55.7 cm) |
| HS2862AC | 11 x 1 | 2 in (5.3 cm) | 5.5 x 5.5 x 24.1 in (14.1 x 14.1 x 61.3 cm) |
| HS2862AD | 12 x 1 | 2 in (5.3 cm) | 5.5 x 5.5 x 26.3 in (14.1 x 14.1 x 66.9 cm) |
| HS2862AE | 13 x 1 | 2 in (5.3 cm) | 5.5 x 5.5 x 28.5 in (14.1 x 14.1 x 72.4 cm) |
| HS2862DA | 5 x 1 | 3 in (7.6 cm) | 5.5 x 5.5 x 16 in (14.1 x 14.1 x 40.6 cm) |
| HS2862D | 8 x 1 | 3 in (7.6 cm) | 5.5 x 5.5 x 25.5 in (14.1 x 14.1 x 64.9 cm) |
| HS2862DB | 9 x 1 | 3 in (7.6 cm) | 5.5 x 5.5 x 29 in (14.1 x 14.1 x 73 cm) |

Upright Freezer Racks 2 inch Boxes

| Part no. | Config. | Box Size | L x W x H |
|----------|---------|---------------|---|
| HS2862HA | 4 x 3 | 2 in (5.3 cm) | 16.4 x 5.5 x 8.9 in (41.8 x 14.1 x 22.5 cm) |
| HS2862H | 4 x 4 | 2 in (5.3 cm) | 21.8 x 5.5 x 8.9 in (55.6 x 14.1 x 22.5 cm) |
| HS2862HD | 4 x 5 | 2 in (5.3 cm) | 27.3 x 5.5 x 8.9 in (69.5 x 14.1 x 22.5 cm) |
| HS2862HE | 5 x 3 | 2 in (5.3 cm) | 16.4 x 5.5 x 11 in (41.8 x 14.1 x 28 cm) |
| HS2862HB | 5 x 4 | 2 in (5.3 cm) | 22 x 5.5 x 11 in (55.6 x 14.1 x 28 cm) |
| HS2862HC | 7 x 4 | 2 in (5.3 cm) | 22 x 5.5 x 15.4 in (55.6 x 14.1 x 39.2 cm) |

Upright Freezer Racks 3 inch Boxes

| Part no. | Config. | Box Size | L x W x H |
|----------|---------|---------------|---|
| HS2862KA | 3 x 3 | 3 in (7.6 cm) | 16.4 x 5.5 x 8.9 in (41.8 x 14.1 x 22.6 cm) |
| HS2862K | 3 x 4 | 3 in (7.6 cm) | 22 x 5.5 x 8.9 in (55.6 x 14.1 x 22.6 cm) |
| HS2862KB | 4 x 4 | 3 in (7.6 cm) | 22 x 5.5 x 12.8 in (55.6 x 14.1 x 32.5 cm) |
| HS2862KC | 5 x 4 | 3 in (7.6 cm) | 22 x 5.5 x 16 in (55.6 x 14.1 x 40.6 cm) |

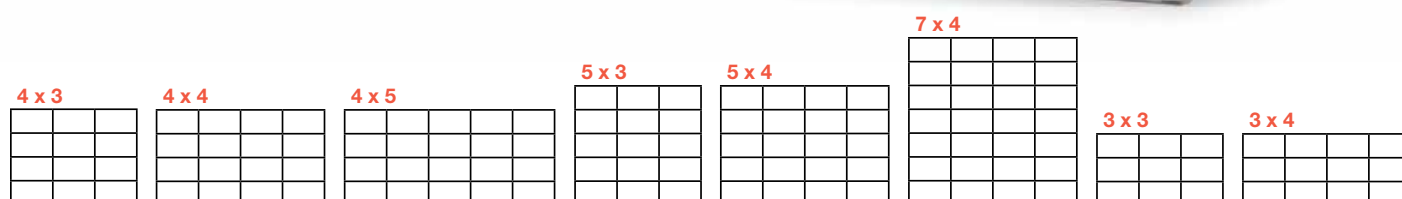


Handles for easy transfer

SEE PAGE 29-35 For storage boxes



Robust mounting brackets assure handles stay securely in place for easy use



Upright freezer rack configurations

Assay Plate Freezer Rack

Assay plate and PCR® rack storage in upright freezers

Constructed of corrosion-resistant stainless steel with 16 (4 x 4) rack spaces. Rack includes 3 wire handles and 4 vertical locking rods.

Suggested applications: (not included)

- 96-well assay plates (holds 48 each/3 per compartment)
- 24-well assay plates (holds 32 each/2 per compartment)
- 96-deep well assay plates (holds 16 each/1 per compartment)
- 96-well PCR® racks HS23461 a,b,c,d (holds 16 each/1 per compartment)
(See page 21 for racks)

| Part No. | Config. | Opening L x W x H |
|----------------|---------|---|
| HS28624 | 4 x 4 | 5.3 x 4.4 x 2.2 in (13.5 x 11.2 x 5.6 cm) |
| | | Overall L x W x H |
| | | 21.3 x 4.4 x 9 in (54.3 x 11.2 x 23 cm) |

Robust mounting brackets assure handles stay securely in place, for easy use



SEE PAGE 21
For 96-well
PCR® racks



PCR® is a registered trademark of Hoffman-LaRoche Inc.



Arctic Squares® Freezer Rack

Innovative horizontal drawer system for upright freezers

- Constructed of corrosion-resistant stainless steel with four drawers to hold 16 boxes
- Drawers feature a unique stop, that when fully extended pivot down allowing for easy box access
- Steel drawer handles provide a user-friendly grip
- Freezer rack also includes a pull-out wire handle for easy removal off the freezer shelf
- Compatible with most standard 2 in (5.3 cm) freezer storage boxes

| Part No. | Orientation | Capacity | Shelves | Box Height | L x W x H |
|---------------|-------------|----------|---------|------------|--|
| HS2864 | Horizontal | 16 Boxes | 4 | 53 mm | 5.4 x 22.4 x 9.3 in (13.9 x 57.1 x 23.8 cm) |

SEE PAGES 31, 64, 67, and 68

For storage of arctic squares® cryostorage boxes, and standard boxes up to 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5.3 cm)



Pivot
drawer
down for
easy
access



Cube Freezer Rack - Upright

For 15 and 50 mL tube box storage

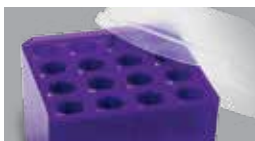
- Constructed of corrosion-resistant stainless steel with 6 (2 x 3) rack spaces

| Part No. | Config. | Opening L x W x H | |
|----------|---------|--------------------|-------------------------|
| HS28622 | 2 x 3 | 6 x 6.1 x 5.2 in | (15.2 x 15.7 x 13.4 cm) |
| | | Overall L x W x H | |
| | | 18 x 6.2 x 10.6 in | (45.9 x 15.9 x 27.1 cm) |

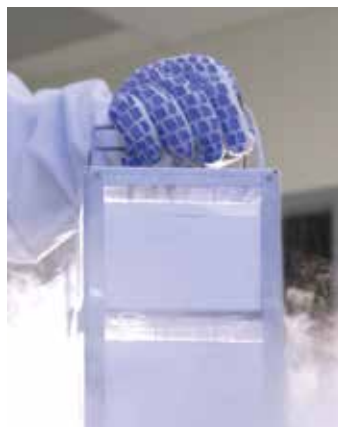
Suggested applications:



SEE PAGE 29
for our 15 mL
cardboard or polypropylene
freezer boxes



SEE PAGES 33 and
68 for transformable
cube rack



Cube Freezer Rack - Chest

For 15 and 50 mL tube box storage

- Constructed of corrosion-resistant stainless steel with 4 (4 x 1) rack spaces

| Part No. | Config. | Opening L x W x H | |
|----------|---------|-------------------|-------------------------|
| HS28621 | 4 x 1 | 6 x 6.1 x 5.2 in | (15.2 x 15.7 x 13.4 cm) |
| | | Overall L x W x H | |
| | | 6 x 6.1 x 21.2 in | (15.2 x 15.7 x 53.9 cm) |

SEE PAGES 30 and 64
for our cardboard or polypropylene
tube storage boxes and partitions

Slide Box Freezer Rack

For slide boxes, reversible PCR® and 50-well EPS racks in upright freezers

Constructed of corrosion-resistant stainless steel with 9 (3 x 3) rack spaces.

| Part No. | Config. | Opening L x W x H | |
|----------|---------|----------------------|-------------------------|
| HS28623 | 3 x 3 | 7.08 x 8.3 x 2.8 in | (18 x 21.2 x 7.3 cm) |
| | | Overall L x W x H | |
| | | 21.29 x 8.5 x 8.7 in | (54.1 x 21.7 x 22.1 cm) |



SEE PAGE 46
Holds eighteen
100 place or
thirty-six new
25 place slide
boxes



SEE PAGE 21
Holds 9
each/1 per
compartment
reversible PCR®
rack



SEE PAGES 33
and 68
Holds 9 each/1
per compartment
50-well foam
tube rack





Cardboard Cryogenic Boxes and Partitions

For storage of large samples and 15 and 50 mL tubes

- Economical cardboard racks are disposable
- Write-on surface for descriptions or self numbering systems
- Partitions supplied flat—packed for space-saving storage
- Partitions available in two sizes

SEE PAGE 9
for our selection of
tubes and microtubes



| Part No. | Description | Wells | Tubes | Wells Dia. | L x W x H | Pkg. | Color |
|----------------|-------------|-------|------------|------------|--|-------|--------------------------------|
| HS2860M | Box and Lid | — | 15 & 50 mL | — | 5.7 x 5.7 x 4.8 in (14.5 x 14.5 x 12.2 cm) | 10/pk | White <input type="checkbox"/> |
| HS2860T | Partitions | 36 | 15 mL | 17.5 mm | | 10/pk | White <input type="checkbox"/> |
| HS2860P | Partitions | 16 | 50 mL | 29.5 mm | | 10/pk | White <input type="checkbox"/> |

Partitions must be ordered separately

Cardboard Micro Tube Boxes

Safe micro tube storage

Low profile boxes are available in two sizes to accommodate standard 0.5 mL and 0.2 mL micro tubes and vessels of a similar size. They are designed to ensure that the tubes contained will remain in their appointed well even if the box is tipped or knocked when the lid is in place.

- Dividers included with the boxes
- Store in mechanical freezers or vapor phase LN₂*
- Will fit into most standard freezer racking



| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|--------|-------|------------|---|-------|--------------------------------|
| HS120220 | 0.2 mL | 169 | 9.5 mm | 5.2 x 5.2 x 1.1 in (13.3 x 13.3 x 2.9 cm) | 10/pk | White <input type="checkbox"/> |
| HS120221 | 0.5 mL | 100 | 12 mm | 5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 4.1 cm) | 10/pk | White <input type="checkbox"/> |

*Must use tubes capable of being stored at low temperatures



Cardboard Cryogenic Vial Boxes and Partitions

For storage of small samples and tubes

- Select the size of the box required and match the partition to your tube requirements
- Store in LN₂, or in mechanical freezers
- Colors allow for easy identification and sorting purposes
- All box footprints are 13.3 x 13.3 cm, select from two different heights



Bottom vent holes allow quick circulation and removal of cold air, vapor or LN₂

| Part No. | Description | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|---------------------|------------|-------|------------|---|-------|---------------------------------|
| HS2860A | Vial Box and Lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pk | White <input type="checkbox"/> |
| HS2860B | Vial Box and Lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 3 in (13.3 x 13.3 x 7.5 cm) | 12/pk | White <input type="checkbox"/> |
| HS2860C | Vial Box and Lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pk | Red, Blue, Yellow* |
| HS2860CB | Vial Box and Lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pk | Blue <input type="checkbox"/> |
| HS2860CR | Vial Box and Lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pk | Red <input type="checkbox"/> |
| HS2860CY | Vial Box and Lid | 1.5/2.0 mL | — | — | 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm) | 12/pk | Yellow <input type="checkbox"/> |
| HS2860E | Partition (10 x 10) | 1.5/2.0 mL | 100 | 11.5 mm | — | 12/pk | |
| HS2860H | Partition (9 x 9) | 1.5/2.0 mL | 81 | 12 mm | — | 12/pk | |
| HS2860F | Partition (8 x 8) | 1.5/2.0 mL | 64 | 15 mm | — | 12/pk | |
| HS2860G | Partition (7 x 7) | 1.5/2.0 mL | 49 | 17.5 mm | — | 12/pk | |

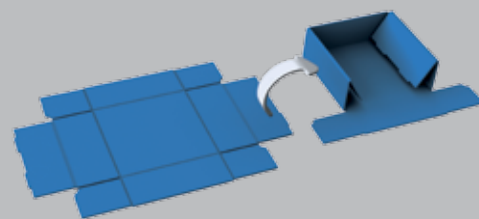
*Assorted colors (Red, Blue, Yellow)

Partitions must be ordered separately



Freezer boxes are supplied "flat-packed"
Eliminating the hassle of stacking and reduces the amount of space needed for storage

SEE PAGE 61
Both corrugated and film freezer boxes fit in standard freezer racks



freezer boxes

Reusable, economical and moisture resistant plastic

- Made from polypropylene material
- Easy self-assemble boxes shipped flat-packed
- More durable than card boxes as they are not susceptible to moisture
- Significantly reduces the chance of mold
- Dividers included with the boxes

- **Store down to temperatures of -80°C**

Corrugated Polypropylene 0.2/0.5/1.5-2.0/5 mL

| Part No. | Tube | Wells | Well Dia. | L x W x H | Pkg. | Color | |
|----------|------------|-------|-----------|---|-------|---------|---|
| HS120379 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Natural | ☐ |
| HS120380 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Blue | ■ |
| HS120381 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Red | ■ |
| HS120382 | 0.2 mL | 144 | 7.9 mm | 5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm) | 10/pk | Purple | ■ |
| HS120383 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Natural | ☐ |
| HS120384 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Blue | ■ |
| HS120385 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Red | ■ |
| HS120386 | 0.5 mL | 81 | 12 mm | 5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm) | 10/pk | Purple | ■ |
| HS120262 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Natural | ☐ |
| HS120376 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Blue | ■ |
| HS120377 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Red | ■ |
| HS120378 | 1.5/2.0 mL | 81 | 12 mm | 5.2 x 5.1 x 2.0 in (13.3 x 13.0 x 5.1 cm) | 10/pk | Purple | ■ |
| HS120387 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Natural | ☐ |
| HS120388 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Blue | ■ |
| HS120389 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Red | ■ |
| HS120390 | 5 mL | 25 | 22.6 mm | 5.2 x 5.1 x 2.9 in (13.3 x 13.0 x 7.5 cm) | 10/pk | Purple | ■ |

Corrugated Polypropylene 15 mL and 50 mL

| Part No. | Tube | Wells | Well Dia. | L x W x H | Pkg. | Color | |
|----------|-------|-------|-----------|--|-------|---------|---|
| HS120391 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Natural | ☐ |
| HS120392 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Blue | ■ |
| HS120393 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Red | ■ |
| HS120384 | 15 mL | 36 | 19.8 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Purple | ■ |
| HS120366 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Natural | ☐ |
| HS120367 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Blue | ■ |
| HS120368 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Red | ■ |
| HS120369 | 50 mL | 16 | 31.6 mm | 5.78 x 5.7 x 4.72 in (14.7 x 14.5 x 12.0 cm) | 10/pk | Purple | ■ |

Thin Polypropylene film 1.5-2 mL

| Part No. | Tube | Wells | Well Dia. | L x W x H | Pkg. | Color | |
|----------|------------|-------|-----------|--|-------|-----------|---|
| HS120370 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | White | ☐ |
| HS120371 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | Blue | ■ |
| HS120372 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | Lt. Green | ■ |
| HS120373 | 1.5/2.0 mL | 81 | 12.1 mm | 4.95 x 4.92 x 1.92 in (12.5 x 12.4 x 4.9 cm) | 10/pk | Purple | ■ |



HS120367



HS120394



HS120381



HS120372



Cryogenic Vial Holders

Safely store and transport cryogenic vials

- Well tabs allow one-handed opening and closing of vials that have a slot feature
- Embossed index numbers and squared, upper left corner provide easy orientation
- Ribbed grips make handling with gloves easier
- Made from polycarbonate—can withstand cryogenic freezing
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|-----------------|--------|-------|------------|---|------|--------|
| HS23229B | 2-4 mL | 50 | 12.9 mm | 7.75 x 4.0 x 0.9 (19.7 x 10.2 x 2.3 cm) | 4/pk | Blue ■ |

True North® Mini Coolers

Protect temperature-sensitive samples at the bench or in the freezer

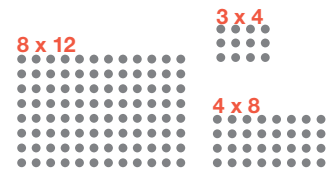
Ideal for keeping PCR® reagents, enzymes, and other biochemical reagents cool while working at the bench.

Filled with insulating gel, the mini coolers can also be used for controlled sample freezing and for longer temperature retention samples.

- Polycarbonate construction with rubber non-slip feet
- Gridded and keyed one-position lids for easy sample identification
- 0.5 mL tube adapters supplied as standard with the 0.5–2.0 mL tube size versions
- Temperature-retention graph supplied with each of the 7 styles
- Versions available for 0.5 and 1.5/2.0 mL microcentrifuge tubes and cryogenic vials and a 96-place version for 0.2 mL tubes and assay plates



| Part No. | Temp | Tube Array | Tubes | Tube Sizes | Lid | L x W x H | Temp Retention | Color |
|-----------------|-------|------------|-------|------------|------------|--------------------|--------------------|---------|
| HS120070 | 0°C | 3 x 4 | 12 | 0.5–2 mL | Clear | 145 x 105 x 100 mm | 1°C for 4 hr** | Green ■ |
| HS120071 | 0°C | 4 x 8 | 32 | 0.5–2 mL | Clear | 245 x 105 x 100 mm | 1°C for 5 hr** | Green ■ |
| HS120072 | 0°C | 4 x 8 | 32 | 0.5–2 mL | Gel Filled | 245 x 105 x 100 mm | 1°C for 7.5 hr** | Green ■ |
| HS120073 | -20°C | 3 x 4 | 12 | 0.5–2 mL | Clear | 145 x 105 x 100 mm | -15°C for 2.5 hr** | Blue ■ |
| HS120074 | -20°C | 4 x 8 | 32 | 0.5–2 mL | Clear | 245 x 105 x 100 mm | -15°C for 3.5 hr** | Blue ■ |
| HS120075 | -20°C | 4 x 8 | 32 | 0.5–2 mL | Gel Filled | 245 x 105 x 100 mm | -15°C for 5 hr** | Blue ■ |
| HS120076 | -20°C | 8 x 12 | 96 | 0.2 mL | Clear | 225 x 165 x 110 mm | -15°C for 3.5 hr | Blue ■ |



Work 2 Store® Expanding Storage Box

- Clear lid locks the rack together for safe handling and transportation
- Wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one handed cap removal
- Holds 64 x 1.5/2.0 mL cry and/or micro tubes
- Stackable, autoclavable and with alphanumeric well identification
- Will fit into standard 2"
- **Autoclavable**

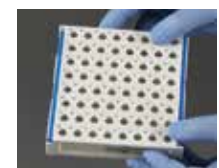
| Part No. | Tubes | Wells | Well Dia. | L x W x H Open | Pkg. | Color |
|-----------------|------------|-------|-----------|---|------|---------|
| HS120018 | 1.5/2.0 mL | 64 | 12.3 mm | 12.2 x 5 x 1.3 in (31 x 12.8 x 3.35 cm) | 1/ea | White □ |
| | | | | L x W x H Closed - with Lid | | |
| | | | | 5.2 x 5.2 x 2 in (3.3 x 13.3 x 5.3 cm) | | |

Work 2 Store® Micro

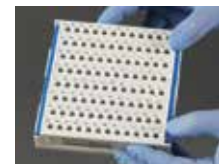
- 0.2 mL tube side has been configured to work 8 strip, 12 strip or single tubes
- Low profile clear lid fits either side and locks the rack together for safe handling and transportation

- **Autoclavable**

Rack will hold 64 x 0.5 mL micro tubes on one side and 96 x 0.2 mL — micro tubes on the other side



96 x 0.2 mL



64 x 0.5 mL

| Part No. | Wells | Tubes | Well Dia. | L x W x H Open | pkg. | color |
|-----------------|-------|--------|-----------|---|------|---------|
| HS120183 | 64 | 0.5 mL | 7.8 mm | 12.2 x 5 x 1.2 in (31 x 12.8 x 3.1 cm) | 1/ea | white □ |
| | | | | L x W x H Closed - with Lid | | |
| | | | | 5.2 x 5.2 x 1.8 in (13.3 x 13.3 x 4.8 cm) | | |



Arctic Squares® Polycarbonate Cryostorage Boxes

Safely store vials from -196 to +121°C in mechanical freezers as well as liquid nitrogen

Our patented polycarbonate boxes are designed with unique features to help orient, identify and access vials with ease.

- Hinged lid with built-in stop allows easy one-handed access to samples (style a, 25-place box, slip-on lid)
- Forward-sloped base and high contrast indexing on the transparent lid ensure quick visual orientation
- Magnetic tipped forceps supplied with styles b and d, help pick vials and remove boxes from freezer racking
- All boxes have vent and drainage holes and are stackable
- **Autoclavable**

| | 5 x 5 array boxes | Part No. | Tubes | Wells | Wells Dia. | L x W x H | Qty. | Color |
|----------|--|-----------------|--------|-------|------------|--|------|-------------------|
| a | - Ideal for small sampling - Friction fit, slide-on lid | HS23325A | 2.0 mL | 25 | 12.5 mm | 2.99 x 2.99 x 2.0 in (7.6 x 7.6 x 5.3 cm) | 8/pk | Ruby Red ■ |
| b | 9 x 9 array standard boxes - Hinged lid - Wells arranged in an easy-to-pick formation | HS23381B | 2.0 mL | 81 | 12.5 mm | 5.23 x 5.23 x 2.0 in (13.3 x 13.3 x 5.3 cm) | 4/pk | Assorted ■■■■* |
| c | 9 x 9 array tall boxes - Use with all common sizes up to 5.0 mL - Hinged lid | HS23381C | 5.0 mL | 81 | 12.5 mm | 5.23 x 5.23 x 3.77 in (13.3 x 13.3 x 9.6 cm) | 5/pk | Amethyst Purple ■ |
| d | 10 x 10 array boxes - Maximum number of tubes in standard footprint - Hinged lid | HS23300D | 2.0 mL | 100 | 12.5 mm | 5.23 x 5.23 x 2.0 in (13.3 x 13.3 x 5.3 cm) | 4/pk | Arctic Blue ■ |

*Assorted colors (Ruby Red, Amethyst Purple, Arctic Blue, Emerald Green)

Forceps included with boxes b, d, can be used to pick vials or remove box from freezer rack

Includes embedded magnet for



SEE PAGE 62

For arctic squares® freezer rack horizontal drawer system for upright freezers

Constructed of corrosion-resistant stainless steel with four drawers to hold 16 boxes



Uniform wells with location ID. Capacity indicated on the outside of the box



81-well Microtube Storage Boxes

Compact footprint for microtube and cryogenic vial storage

- Store 1.5/2.0 mL microtubes or cryogenic vials in polypropylene storage boxes
- Easy open, friction fit-lid
- Black light tight version available for light sensitive samples
- **Autoclavable**

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|------------|-------|-----------|---------------------------------------|------|--|
| HS120034 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | White <input type="checkbox"/> |
| HS120035 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | Blue <input type="checkbox"/> |
| HS120036 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | Green <input type="checkbox"/> |
| HS120037 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | Pink <input type="checkbox"/> |
| HS120038 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | Yellow <input type="checkbox"/> |
| HS120039 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | Orange <input type="checkbox"/> |
| HS120040 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> * |
| HS120041 | 1.5/2.0 mL | 81 | 12.3 | 5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm) | 5/pk | Black <input type="checkbox"/> |

*Assorted colors (Blue, Green, Pink, Yellow, Orange)

Refrigerator Racks

Contoured design for safe handling

Fill lower section with water or crushed ice to chill sample tubes quickly.

- Made from molded polystyrene
- Top inset tray secures tubes in place
- Stackable, saves bench space

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Color |
|----------|------------|-------|------------|---|--------------------------------|
| HS28230A | 1.5/2.0 mL | 50 | 12.8 mm | 10.66 x 5.59 x 2.2 in (27.1 x 14.2 x 5.6 cm) | White <input type="checkbox"/> |
| HS28230B | 15 & 50 mL | 15 | 29.2 mm | 10.86 x 6.4 x 5.27 in (27.6 x 16.4 x 13.4 cm) | White <input type="checkbox"/> |



Foam Tube Racks

High storage, minimal footprint

- Two-piece racks are constructed of expanded polystyrene (EPS) foam
- Lightweight microtube racks are ideal for long-term studies or tube storage
- Extra spacing between wells allows for easy gripping with fingertips
- Racks stack securely with nesting features on lid and base

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------|------------|-------|------------|--|-------|--------------------------------|
| HS4282 | 1.5/2.0 mL | 100 | 11.5 mm | 13.22 x 3.74 x 2.87 in (33.6 x 9.5 x 7.3 cm) | 10/pk | White <input type="checkbox"/> |
| HS4283P | 1.5/2.0 mL | 50 | 11.5 mm | 8.26 x 4.33 x 2.7 in (21.0 x 11.0 x 7.1 cm) | 10/pk | White <input type="checkbox"/> |

Transformer Cube Rack

For storage of large samples and 15 and 50 mL tubes

- Polypropylene construction complete with two snap-in grids
- Locate tubes easily with keyed lid, imprinted grid and first tube orientation
- Use without grids for larger-sized product storage
- Fill with ice and use as a temporary low-temperature workstation deal for teaching labs or those with limited bench space
- Clear lid, translucent sides
- **Autoclavable**

| Part No. | Tubes | Wells | Wells Dia. | L x W x H | Pkg. | Color |
|----------|-------|-------|------------|-------------------------|------|---------------------------------|
| HS23271A | 15 mL | 16 | 18 mm | 4.9 x 4.9 x 5 in | 5/pk | Purple <input type="checkbox"/> |
| | 50 mL | 9 | 31 mm | (12.5 x 12.5 x 12.9 cm) | | |



2 snap-in grids hold either:

- 15 mL or
- 50 mL tubes

Fill with ice and use as a temporary low temperature workstation



tracrack®

Take what you need and store the rest

Removing and working with samples from cold temperature storage has never been easier. Eliminate the hassle of taking an entire rack of samples out of cold storage with the **TracRack®** that enables lab professionals to remove one row of samples at a time. Eight individual segments are nested in a 2" polypropylene film box that allows users to easily open, identify and remove only the segments of samples needed. Once the segments are removed, simply replace the box lid and leave the remaining samples in storage.

Each tube segment is made from durable polypropylene and allows for easy working while saving valuable counter space.

Two versions are available, **TracRack®** that accommodates 1.5 -2.0 mL cryo and micro-centrifuge tubes, and the reversible **TracRack® Micro** which will hold 64 x 0.5 mL micro tubes on one side and 96 x 0.2 mL micro tubes on the other.

- Helps reduce potential cross contamination
- Saves valuable working space and allows more room for sample manipulation
- Stops opened microfuge lids with interfering with other wells
- Alphanumeric well identification
- Tube segments sold with the box

TracRack®

- Segments made from polypropylene
- Eight segments per box
- 1.5 -2.0 mL cryo and micro-centrifuge tubes (64 tubes)
- Wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one handed cap removal

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|------------|-------|-----------|---|------|----------|
| HS120356 | 1.5/2.0 mL | 64 | 12.3 mm | 5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm) | 1/ea | Purple ■ |



TracRack® Micro

Take what you need and store the rest

- Segments made from polypropylene
- Eight reversible segments per box
- 64 x 0.5 mL tubes, 96 x 0.2 mL micro tubes, or a combination of both

| Part No. | Tubes | Wells | Well Dia. | L x W x H | Pkg. | Color |
|-----------------|--------|-------|-----------|---|------|--------------|
| HS120357 | 0.2 mL | 64 | 5.1 mm | 5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm) | 1/ea | Lt. Purple ■ |
| | 0.5 mL | 96 | 7.8 mm | | | |

tracrack® outer box

- Made from thin film polypropylene material
- Store down to temperatures of -80°C
- Moisture resistant, significantly reducing the chance of mold
- Removable segments allow outer shell to be used for storage of other small laboratory products
- Light-tight for light sensitive materials
- 2 in. (5.3 cm) boxes fit in standard freezer racks

SEE PAGE 61
For standard
freezer rack
configurations







True North® Microscope Slide Box

Store in ultra-low temperatures with confidence

Protect your slides in ultra-low temperature ranges down to -80°C .

- Durable polycarbonate and stainless steel clasp (only applies to 100-place)
- Safe storage and transport of 25 x 75 mm (3 x 1 inch) slides
- Uniform grooved slide slots separate slides preventing slide contact
- Temperature-resistant numbered foam lining and identification sheet
- Stackable
- **Autoclavable**

| Part No. | Capacity | Hinge | L x W x H | Color |
|-----------------|------------|------------------|-------------------|--|
| HS15988H | 100 slides | Nickle | 208 x 175 x 34 mm | Purple  |
| HS120316 | 25 slides | Friction Fit Lid | 141 x 88 x 35 mm | Blue  |







Cool Containers

Durable containers for chilling temperature-sensitive samples

Heavy-insulation properties for the ultra cold. Cool containers are ideal for ice, ice-salt slurries and more.

- Made from single-molded polyurethane
- Close-fit lid keeps evaporation to a minimum and features a comfortable recessed knob
- Lid nests under bucket for convenience
- For low-temperature use to -196°C at 1 bar
- Tapered design for easy stacking
- Precise pour spout and large handles

| Part No. | Style | Capacity | L x W x H | Color |
|-----------------|--------|----------|-------------------|---|
| HS28714K | Bucket | 4 L | 181 (H) x 234 (D) | Black Onyx  |
| HS28721G | Pan | 1 L | 267 x 195.5 x 114 | Emerald  |
| HS28724B | Pan | 4 L | 381 x 254 x 140 | Arctic Blue  |
| HS28729R | Pan | 9 L | 521 x 292 x 163 | Ruby  |



Ideal for ice and ice/salt slurries



Lid fits below bucket to save space



Freezer Thermometer

Protect frozen and chilled samples from potential spoilage

Monitor temperatures inside your freezer or refrigerator with the added convenience of sound and flashing LED lights to alert out-of-range temperatures

- Suction cup attaches the probe inside freezer/refrigerator while the thermometer secures to the outside with hook-and loop tape
- Large digital display shows freezer/refrigerator temperature plus ambient temperature
- Switches toggle for freezer/refrigerator monitoring and °F/°C
- **Set freezer range:** 14.9° to -9.4°F (-9.5° to -23°C);
- **Set refrigerator range:** 35.6° to 46.4°F (2° to 8°C)
- Includes one AAA battery

| Part No. | Dimensions |
|----------------|--|
| HS28630 | 136 x 19 x 28 mm, probe cable measures 0.9 m, probe measures 5 mm OD x 17 mm L |

True North® Cryogenic Vials


Innovative design saves space in your freezer

Our externally-threaded vial with a flush cap design allows you to easily fill up all standard-sized cryogenic storage boxes including the 10 x 10 format. Using True North® Cryogenic Vials can increase your freezers holding capacity by up to 23% against other major brands.

- Puncture/rupture-resistance polypropylene with silicone lid
- Patented lid with ergonomic 1.5 twist to open and close
- Printed writing area and graduations
- Sterile, non-pyrogenic and non-cytotoxic inner resealable packs of 50 vials, complete with traceable sterility certificate
- Recommended for mechanical freezers and vapor phase LN₂ (-196°)
- **Disposable**



Certified DNase, RNase, Pyrogen free, and Cytotoxin free

| Part No. | Vol. | Dimensions | Pkg. | Color |
|-----------------|--------|------------------------------|--------|--|
| HS23202A | 2.0 mL | OD 12 mm closed height 49 mm | 500/cs | Assorted  * |
| HS23202N | 2.0 mL | OD 12 mm closed height 49 mm | | Natural <input type="checkbox"/> |

*Assorted colors: Blue, Red, Green, Purple, Gray

Cryogenic Vial Canes

Organize cryogenic samples in dewars

Aluminum canes hold vials for freezer storage or immersion in LN₂ dewars

- Use in liquid and vapor phase; use approved vials only
- Canes bend to fit all major cryogenic vial brands.

| Part No. | Length | No. of Vials | Vial Size | Pkg. |
|----------------|--------|--------------|--------------|--------|
| HS23205 | 290 mm | 5 | Up to 2.0 mL | 12/pkg |
| HS23206 | 300 mm | 6 | Up to 5.0 mL | 12/pkg |



PVC Cryogenic Cane Sleeves

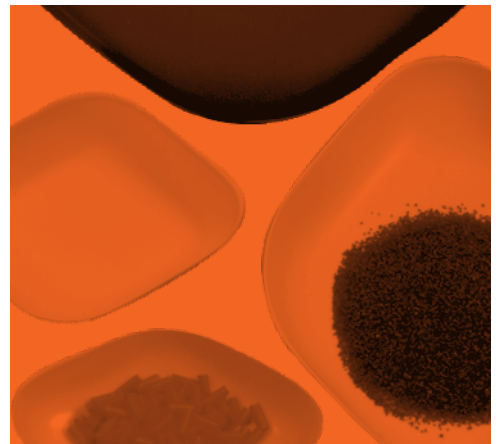
For extra security and sample safety

Clear plastic sleeves protect vials in aluminum canes during handling and storage.

- Safe for cryogenic freezing
- More durable than cardboard sleeves
- Transparency allows sample identification without removing sleeve

| Part No. | Dimensions | Pkg. |
|----------------|---------------------------|---------|
| HS23210 | 14.5 mm dia x 275 mm long | 100/pkg |





weighing

With our offering of disposable and reusable products, you can be sure you will have the right tool for the right job.



smartBOATS™

Made from FSC® Certified (FSC® Mix) paper (Eco-IN) and when disposed of in the standard waste stream they will naturally biodegrade (Eco-OUT)

A truly green solution to sample weighing.

- Made of grease proof paper that meets FDA 21 CFR 176.170 (components of paper in contact with aqueous and fatty foods) and with 21 CFR 176.180 (contact with dry foods)
- Control contents like a polystyrene weigh boat
- An alternative to regular weighing papers
- Available in a small and medium in both brown for light colored samples and white for dark samples

| Part No. | Size | L x W x H | Pkg. | Color |
|----------|--------|-------------------------|--------|---------|
| HS120312 | Small | 35 x 35 x 15.8 mm | 500/pk | Brown ■ |
| HS120313 | Medium | 47.6 x 47.6 x 14.2 mm | 500/pk | Brown ■ |
| HS120314 | Small | 35 x 35 x 15.8 mm | 500/pk | White □ |
| HS120315 | Medium | 47.6 x 47.6 x 14.2 mm | 500/pk | White □ |
| HS120195 | Large | 95.25 x 95.25 x 25.4 mm | 250/pk | White □ |



smartSPATULAS™ for the Lab

Size-related designs to fit perfectly with standard 0.2, 0.5, 1.5/2.0, 15 and 50 mL tubes

- Ideal for dispensing or sample collection of powders or soft solids
- Shatter resistant in liquid nitrogen and resistant to dilute acids and bases and can be used with hot liquids
- Anti-static, sterile and eco-friendly versions available
- **Autoclavable and complies with FDA standards for food contact**
- **Disposable**

Lab tools that scoop, scrape and stir



| Part No. | Description | Use with Tubes | L x W | Spoon (flare) | Scoop or Pick (L x H) | Qty. |
|----------|-------------------------|----------------|--------------|---------------|-------------------------------|--------|
| HS120005 | Micro antistatic | 0.2 and 0.5 mL | 140 x 3.5 mm | n/a | 11 mm L tapered @ 15° (V-Tip) | 300/pk |
| HS120008 | Eco | 15 and 1.5 mL | 140 x 7 mm | 25 x 14 mm | 30 mm x 3 mm | 300/pk |
| HS120003 | Standard Blue | 15 and 1.5 mL | 210 x 7 mm | 25 x 14 mm | 30 mm x 3 mm | 300/pk |
| HS120004 | Standard Opaque | 15 and 1.5 mL | 210 x 7 mm | 25 x 14 mm | 30 mm x 3 mm | 300/pk |
| HS120007 | Standard Opaque Sterile | 15 and 1.5 mL | 210 x 7 mm | 25 x 14 mm | 30 mm x 3 mm | 100/pk |
| HS120006 | Macro Green | 50 mL | 310 x 10 mm | 42 x 23.5 mm | 30 mm L tapered @ 35° | 150/pk |

Always there
and always
clean

Weighing Boats

Flexible polystyrene boats feature smooth surfaces to provide accurate pour-outs with minimal sample loss

- Select white, black, or blue for best color contrast to ensure sample is completely removed.
- Biologically inert and resistant to dilute and weak acids, aqueous solutions, alcohols, and bases
- Temperature range -10 to 70°C (14 to 158°F).
- Can be used with microwave moisture analyzers
- **All are FDA/food-grade compliant**
- **Disposable**

| Standard weighing boats | Regular Material Part No. | Antistatic Material Part No. | Size | L x W x H | Pkg. | Color | |
|-------------------------|---------------------------|------------------------------|--------|-------------------|--------|-------|-------------------------------------|
| | HS1420A | HS1420AA | Small | 46 x 46 x 8 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1420B | HS1420BB | Medium | 85 x 85 x 24 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1420C | HS1420CC | Large | 140 x 140 x 22 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1421A | HS120222 | Small | 46 x 46 x 8 mm | 500/pk | Blue | <input checked="" type="checkbox"/> |
| | HS1421B | HS120223 | Medium | 85 x 85 x 24 mm | 500/pk | Blue | <input checked="" type="checkbox"/> |
| | HS1421C | HS120224 | Large | 140 x 140 x 22 mm | 500/pk | Blue | <input checked="" type="checkbox"/> |
| | HS1423A | HS1423AA | Small | 46 x 46 x 8 mm | 500/pk | Black | <input checked="" type="checkbox"/> |
| | HS1423B | HS1423BB | Medium | 85 x 85 x 24 mm | 500/pk | Black | <input checked="" type="checkbox"/> |
| | HS1423C | HS1423CC | Large | 140 x 140 x 22 mm | 500/pk | Black | <input checked="" type="checkbox"/> |

- Boats are shallow with a wide, flat bottom to resist tipping
- Rounded corners simplify transfer

| Hexagonal weighing boats | Regular Material Part No. | Antistatic Material Part No. | Size | L x W x H | Pkg. | Color | |
|--------------------------|---------------------------|------------------------------|---------|------------------|--------|-------|--------------------------|
| | — | HS14251A | Small | 38 x 25 x 9 mm | 500/pk | White | <input type="checkbox"/> |
| | — | HS14251B | Medium | 64 x 51 x 19 mm | 500/pk | White | <input type="checkbox"/> |
| | — | HS14251C | Large | 102 x 76 x 22 mm | 500/pk | White | <input type="checkbox"/> |
| | — | HS14251D | X-Large | 127 x 89 x 31 mm | 500/pk | White | <input type="checkbox"/> |

- Bend flexible boats at points to form pour spouts
- Flat bottoms and sloping sides provide accurate transfer

| Pour-boat weighing dishes | Regular Material Part No. | Antistatic Material Part No. | Size | L x W x H | Pkg. | Color | |
|---------------------------|---------------------------|------------------------------|--------|-------------------|--------|-------|--------------------------|
| | HS1419A | HS120225 | Small | 43 x 58 x 13 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1419B | HS120226 | Medium | 83 x 132 x 26 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1419C | HS120227 | Large | 108 x 183 x 26 mm | 500/pk | White | <input type="checkbox"/> |

- Pour-spout design easily dispenses samples without flexing the dish.
- Flat-bottom dishes are made from 12-mil thick polystyrene for better strength, stability, and handling

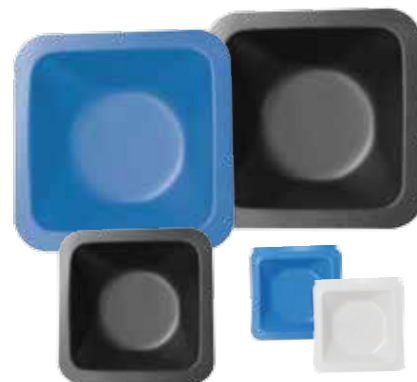
| Square weighing boats | Regular Material Part No. | Antistatic Material Part No. | Size | L x W x H | Pkg. | Color | |
|-----------------------|---------------------------|------------------------------|--------|----------------|--------|-------|--------------------------|
| | HS1422 | — | Medium | 90 x 90 x 7 mm | 500/pk | White | <input type="checkbox"/> |

- Shallow boat with a wide, flat bottom to resist tipping
- Ideal for solid product weighing

| Diamond weighing boats | Regular Material Part No. | Antistatic Material Part No. | Size | L x W x H | Pkg. | Color | |
|------------------------|---------------------------|------------------------------|--------|------------------|--------|-------|-------------------------------------|
| | HS1424AA | HS1425AA | 5 mL | 55 x 35 x 6 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1424A | HS1425A | 25 mL | 71 x 46 x 14 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1424B | HS1425B | 30 mL | 78 x 56 x 14 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1424C | HS1425C | 100 mL | 119 x 90 x 19 mm | 500/pk | White | <input type="checkbox"/> |
| | HS1427AA | HS1426AA | 5 mL | 55 x 35 x 6 mm | 500/pk | Black | <input checked="" type="checkbox"/> |
| | HS1427A | HS1426A | 25 mL | 71 x 46 x 14 mm | 500/pk | Black | <input checked="" type="checkbox"/> |
| | HS1427B | HS1426B | 30 mL | 78 x 56 x 14 mm | 500/pk | Black | <input checked="" type="checkbox"/> |
| | HS1427C | HS1426C | 100 mL | 119 x 90 x 19 mm | 500/pk | Black | <input checked="" type="checkbox"/> |

- Diamond shape that easily flexes for accurate pouring
- Wide, flat bottom to resist tipping

Smooth surfaces provide accurate pour-outs



Flexible boats bend to form pour spout



Weighing Dishes

Dishes for general-purpose weighing, dispensing, storage, food processing, evaporating, or drying

- Dishes also make good dust covers for open vessels
- **Disposable**

| Aluminium weighing dishes | Part No. | Size | Dimensions | Pkg. |
|---------------------------|-----------------|--------|------------------|--------|
| | HS14521A | Small | 43 Dia x 12 mm H | 100/pk |
| | HS14521B | Medium | 57 Dia x 14 mm H | 100/pk |
| | HS14521C | Large | 70 Dia x 16 mm H | 100/pk |
| | HS14522 | Large | 101 Dia x 8 mm H | 50/pk |

Weighing Boats

- Sturdy yet lightweight boats feature a smooth, flat bottom for sample handling and a flanged, crimped wall for rigidity
- Finger tab handle can be etched for identification prior to weighing

Weighing Dish

- Designed for moisture determination balances with slightly tapered walls for stacking



Forceps

Corrugated handles and serrated tips

- ABS Plastic
- **Disposable**

| Part No. | Length | Tip | Pkg., | Color |
|-----------------|--------|----------|-------|-------------|
| HS15998C | 111 mm | Straight | 6/pk | Dark Blue ■ |



Weighing Papers

Nitrogen-free for a very smooth surface and good sample recovery. Strong enough to support dense material

- Available in 3 sizes
- **Disposable**

| Part No. | Dimensions | Qty. |
|-----------------|---------------------------|--------|
| HS120116 | 3 x 3" (76.2 x 76.2 mm) | 500/pk |
| HS120117 | 4 x 4" (101.6 x 101.6 mm) | 500/pk |
| HS120118 | 6 x 6" (152.4 x 152.4 mm) | 500/pk |

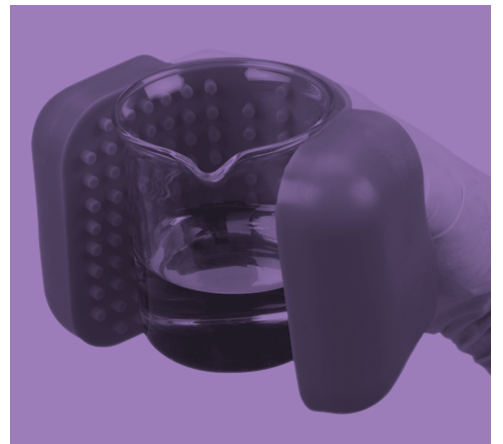


Spatulas

Transfer, lift, and handle powders and granular materials

- Made from nickel-plated, stainless steel wire
- Glazed spatula **HS15906** has a Hayman-type end
- **Autoclavable**

| Part No. | Description, mm | L | Finish |
|----------------|---|--------|--------|
| HS15906 | Flat End, 30 L; Spoon, 12 L x 4 W | 150 mm | Glazed |
| HS15907 | Round Flat End, 50 L x 8 W Tapered Flat End, 45 L x 6.5 W | 195 mm | Mirror |
| HS15909 | Flat End, 50 L; Spoon, 38 L x 15 W | 225 mm | Mirror |



safety

Protect and comply with our ever expanding range of safety products.

DURAPORTER®

Transport Box

Secure, clean, visible

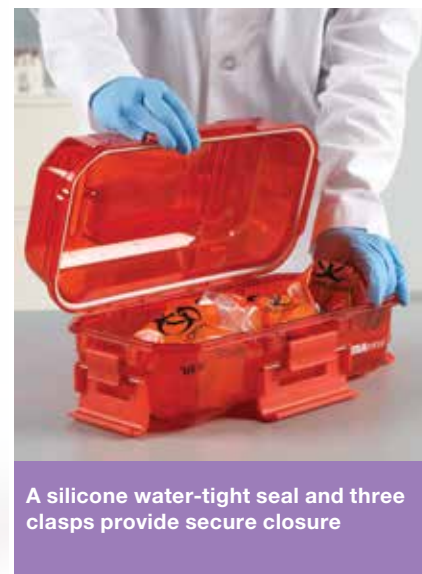
Ideal for transporting biological and clinical samples, as well as instruments and products that you want to keep clean and dry under testing environmental conditions.

The clarity of the Duraporter™ enables the user to visibly check sample integrity, so that it can be opened using the right precautions.

- Polycarbonate construction and available in three colors for user/owner identification
- Silicone water-tight seal and three lid clasps provide secure closure
- Carry handle folds neatly into body space allowing the units to be stacked
- Lid opens a full 180°, allowing total access to contents and making it easier to clean
- Will accommodate 13 and 16 mm tubes in a 72-place **onerack™**, or similar sized/brand of rack (see pages 14, 15, 56, and 57)
- Use the separators provided to create your own compartment sizes, or use empty to transport larger products and equipment
- **Autoclavable**



| Part No. | L x W x H | Color | |
|----------|---------------------------------------|---------------------------|-------------------------------------|
| HS120052 | 15 x 7.7 x 6.3 in (38 x 19.6 x 16 cm) | Clear with Blue Handles | <input type="checkbox"/> |
| HS120077 | 15 x 7.7 x 6.3 in (38 x 19.6 x 16 cm) | Red with Red Handles | <input checked="" type="checkbox"/> |
| HS120078 | 15 x 7.7 x 6.3 in (38 x 19.6 x 16 cm) | Yellow with Yellow Handle | <input type="checkbox"/> |



A silicone water-tight seal and three clasps provide secure closure



Load



Lock



Transport



Store

Wash Bottles Safety Labeled Self Venting

Clear and informative product safety information

The information provided on the front of each bottle is specific to the product contained and includes the following — the Chemical Abstract Service (CAS) No., National Fire Protection Association (NFPA) codes and symbols, Protective Equipment Symbol (PES), Target Organ Information and Hazard Codes.

You also have the option of using other liquids within the bottles and creating the appropriate safety information on the outside of the bottle by using the 'self labeling' versions.

The closure and stem are molded in one piece to make them leak-proof. The angled neck and tip provide a uniform stream of liquid and the tip can be cut back if required to increase the flow.

- Wide bottle mouth makes filling easier
- Non-metallic vent that prevents the risk of solvent leakage
- With the exception of the bottle designed for Sodium Hypochlorite, which is a natural LDPE bottle for light protection and has a HDPE closure, the bottles are made from LDPE, with a PP closure
- Six named chemicals, a self labeling** and assorted pack of bottles to choose from
- 500 mL bottle size, supplied in packs of 6

| Part No. | Description | Color |
|----------|---------------------|---|
| HS120250 | Acetone | Red ■ |
| HS120251 | Distilled Water | Natural <input type="checkbox"/> |
| HS120252 | Isopropanol | Yellow ■ |
| HS120253 | Ethanol | Natural <input type="checkbox"/> |
| HS120254 | Methanol | Green ■ |
| HS120255 | Sodium Hypochlorite | Blue ■ |
| HS120256 | Self labeling** | Natural <input type="checkbox"/> |
| HS120257 | Assorted* | ■ ■ ■ ■ <input type="checkbox"/> <input type="checkbox"/> |

*Assorted pack includes one of each, acetone, distilled water, isopropanol, ethanol, methanol, sodium hypochlorite and a self labeling bottle

**Self labeling bottles must only be used with chemicals that are safe and compatible with LDPE



Wash Bottles Color-Coded

Color-coded for easy identification

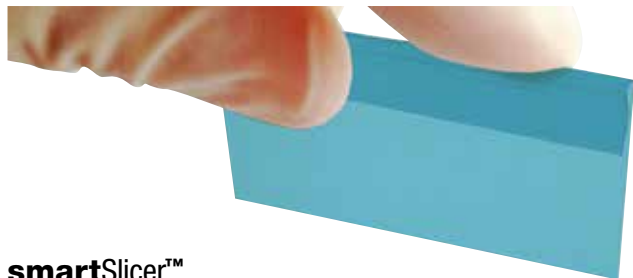
The closure and stem are molded in one piece to make them leak-proof.

The angled neck and tip provide a uniform stream of liquid and the tip can be cut back if required to increase the flow.

- Wide bottle mouth makes filling easier
- Color-coding for user, application or location identification
- Bottle is made from LDPE, with a PP closure
- 500 mL bottle size, supplied in packs of 6

| Part No. | Color |
|----------|--|
| HS120245 | White <input type="checkbox"/> |
| HS120246 | Red ■ |
| HS120247 | Yellow ■ |
| HS120248 | Green ■ |
| HS120249 | Blue ■ |





smartSlicer™
Laboratory safety razor blade

Say no to dangerous sharps

- At just 0.22 mm the US Patent Pending product is as thin as a single edge industrial razor blade, but much safer
- Cleanly slice agarose gels right on the light box without scratching the surface
- Ideal for cutting soft tissue and plant matter
- Adjust the size required by simply cutting with scissors
- Available in two sizes and made in the USA from food grade PET

| Part No. | Size | Pkg. |
|----------|-----------------------------------|--------|
| HS120259 | 19 mm H x 38 mm W x 0.22 mm thick | 100/pk |
| HS120260 | 25 mm H x 50 mm W x 0.22 mm thick | 100/pk |



Innovative 'backrest' allows hands-free pouring



Eco-smartFunnel™
Paper Funnel

A clean transfer every time

- supplied flat-pack to minimize storage
- With a minimal amount of finger pressure the funnel takes its working shape
- Fits a wide variety of openings and can be used with virtually any liquid* or powder
- Maximum flexibility – cut the stem to any size or shape to meet with your needs
- ***Not recommended for hot liquids**
- **Disposable**

| Part No. | Dimensions | Pkg. |
|----------|--|-------|
| HS120219 | 186 mL Cap, Top Dia. 6 cm ² , Bottom Dia. 0.64 cm ² , Height 12.8 cm | 25/pk |



Sharps Containers
 Easy to use and transport

- Provides safe disposal of syringes, needles and other small sharps
- Stackable to reduce storage space before use
- 1.0 L capacity (quart) with a clear lid to view fill level
- Slide access lid for temporary and final closures for safety and security
- Built-in needle removal port, prevents direct contact with sharps
- Compatible with the **droplet®** blood collection tray, **totemax™** and blood collection tray

| Part No. | L x W x H | Pkg. | Colors |
|----------|--|-------|----------|
| HS120177 | 4.5 x 4.5 x 7.5 in (11.5 x 11.5 x 19.2 cm) | 18/pk | Red ■ |
| HS120178 | 4.5 x 4.5 x 7.5 in (11.5 x 11.5 x 19.2 cm) | 18/pk | Yellow ■ |



Bottle Carrier
 For transport of popular sized bottles

Will securely transport two 'Merck'/Winchester style bottles up to 135 mm tall and 170 mm diameter (typically 2.5 L capacity).

- Made from 304 grade stainless steel, with a wire mesh bottom for increased stability
- Handles fold down for easier storage
- **Autoclavable**

| Part No. | Dimensions |
|----------|---|
| HS120092 | 370 x 180 x 380 (with handles extended) |



Lead Rings

Use rings to stabilize vessels and labware or to immerse in water baths

- Vinyl-coated lead rings will not mark or scratch benchtops and labware
- C-shape format allows some manual size variation for a customized fit

| Part No. | Type | Flask Sizes | ID | OD | Weight |
|----------------|---------|-----------------|-------|--------|--------|
| HS8882A | O-Shape | 125 to 500 mL | 48 mm | 77 mm | 277 g |
| HS8882B | O-Shape | 250 to 1000 mL | 51 mm | 90 mm | 508 g |
| HS8882C | O-Shape | 500 to 2000 mL | 57 mm | 98 mm | 635 g |
| HS8882D | O-Shape | 1000 to 4000 mL | 70 mm | 115 mm | 970 g |
| HS8881A | C-Shape | 125 to 500 mL | 42 mm | 75 mm | 227 g |
| HS8881B | C-Shape | 250 to 1000 mL | 51 mm | 90 mm | 472 g |
| HS8881C | C-Shape | 500 to 2000 mL | 54 mm | 98 mm | 599 g |
| HS8881D | C-Shape | 1000 to 4000 mL | 66 mm | 113 mm | 907 g |



clearlysafe® Safety Glasses Dispensers

Ergonomically angled for easy dispensing

- Translucent acrylic dispensers provide easy access to safety accessories
- Hinged lid protects glasses from dust and debris
- Set on counter or wall mount (screws included)
- **HS1040A** large dispenser holds approx. 20 glasses
- **HS1041** small dispenser approx. 10 glasses
- Great for holding personal items

| Part No. | L x W x D | Color |
|----------------|--------------------|--------|
| HS1041 | 227 x 162 x 156 mm | Blue ■ |
| HS1040A | 203 x 203 x 406 mm | Blue ■ |



Grabbit Temp Mitts

Protect your hands from hot or cold labware

The silicone rubber mitt is designed to comfortably fit your hand and they have internal ribs in the pockets for added dexterity.

- Oversized surfaces with nubs for secure grip
- Mitts withstand temperatures from -70 to 500°F (-57 to 260°C)
- **Autoclavable**

| Part No. | Description | L x W x H |
|----------------|----------------|-------------------|
| HS1034A | Full-hand mitt | 177 x 100 x 32 mm |



Biohazard Disposal Bags

For personal or general lab use, sizes to suit all needs

- A range of biohazard collection bags printed with biohazard warning symbol and precautions in english, spanish, and french
- Includes an indicator patch that darkens when autoclaved
- **Autoclavable to 250°F (121°C)**
- **Disposable**

| Part No. | Pkg. | Thickness | W x L |
|-----------------|--------|-----------|------------------|
| HS10320 | 500/cs | 1.57 mil | 203 x 305 mm |
| HS10321 | 200/cs | 1.57 mil | 356 x 483 mm |
| HS10322 | 200/cs | 1.57 mil | 483 x 584 mm |
| HS10323 | 200/cs | 1.57 mil | 635 x 838 mm |
| HS10044H | 1/ea | | 91 x 128 x 21 mm |



HS10044H epoxy coated steel wire holder available for bags HS10320

Autoclavable Bags

Clear bags imprinted with blue biohazard labeling designed for safe disposal.

- Constructed of 2.0 mm thick polypropylene, allowing for repeated autoclaving
- Strong side seams for securely holding items
- Front write-on panel
- 4 inner packs of 50 bags
- **Autoclavable at 250°F (121°C)**

| Part No. | W x L | Pkg. |
|----------------|--------------|--------|
| HS1002A | 310 x 660 mm | 200/cs |
| HS1002B | 415 x 600 mm | 200/cs |
| HS1002C | 610 x 810 mm | 200/cs |



Timing knob ensures safe sealing

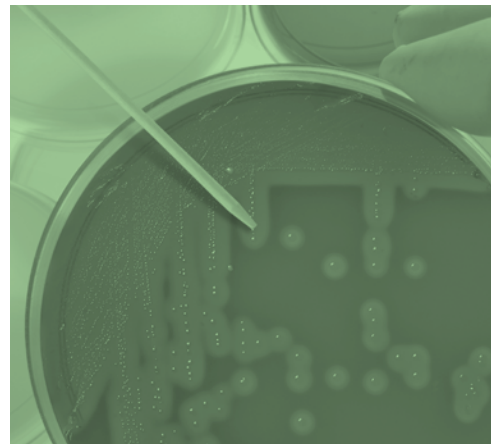
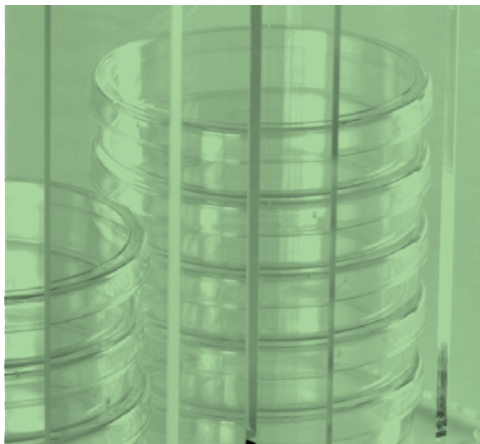
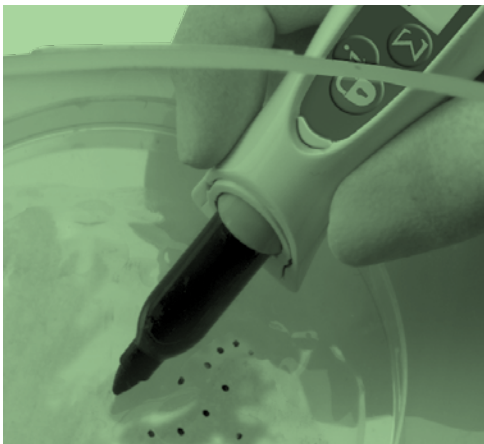
Heat Sealer with Cutter

Quickly and efficiently seal polyethylene or polypropylene bags, sheets or flat tubing from 0.01 to 0.8 mm thick

Sliding blade removes excess material 19 mm from the seal.

- Timing knob ensures safe sealing. Simply turn knob to set time (1-8 seconds), press handle down and remove when light indicates cycle is complete
- Heating element measures 310 mm long and is only hot when sealing
- Includes replacement part kit: two extra blades, two extra heating elements and two extra PTFE cloths
- Additional replacement part kits can be ordered separately

| Part No. | Description | Plug Type | L x W x H |
|----------------|----------------------|---------------------|-------------------|
| HS28270 | 220/230 VAC | U.K. | 86 x 446 x 166 mm |
| HS28271 | 220/230 VAC | Cont. Europe/Israel | 86 x 446 x 166 mm |
| HS28272 | 110/120 VAC | U.S./Taiwan/Japan | 86 x 446 x 166 mm |
| HS28280 | Replacement part kit | | |



microbiology

Plating out, colony counting and recovery made easy
with reliable and innovative products.



ecount™

Rapid, accurate colony counter

Combines a multi-function electronic counter with a Sharpie® pen for marking to prevent missing or double-counting colonies.

- Patented design featuring a light, ergonomic body that is balanced for easy manipulation
- Select between an audible beep or an led flash to acknowledge count
- Store up to 32 separate counts and display the total of all counts
- Count up/down verification
- Quick and easy to change between different colored markers to check different colony counts in the same view
- Lock counter off to allow use of the marker without registering more counts

| Part No. | Description |
|----------|-----------------------------------|
| HS120000 | Electronic colony counter package |



Complete system for easy counting



Weighted stand for bench top use

Thumb button allows you to use the ecount™ as a digital tally counter

Package Includes:

- ecount™ colony counter
- Black Sharpie® pen for highly visible marks on both plastic and glass
- Long-life button battery
- Hand tally adapter counts without marking
- Weighted stand for convenient bench top use

Dual-tip and Standard Fine Tip Sharpie® Pens

Bright selection of colors that offer instant visual recognition

Combines a fine tip and an ultrafine tip.



| Part No. | Description | Qty. | Color |
|-----------|--------------------|-------|-----------|
| HS15094 | Dual-tip Pen Set | 8/pk | ●●●●●●●●* |
| HS15092ZP | Standard Fine Pens | 12/pk | Black ● |

*Assorted colors (Berry, Black, Lime, Navy, Orange, Purple, Sky Blue, and Turquoise)

Sharpie® is a registered trademark of Sanford, A Newell Rubbermaid Company

Mini-Light Box and Mini-Magnifier

Perfect accessories for the ecount™ or use as stand-alone items

Mini-light box saves bench space and can be stored in a drawer.

Mini-Light Box

- Viewing area (102 x 127 mm) is perfect for quick screening of 96-well plates, petri dishes, electrophoresis gels, slides, and transparencies
- Powered by four aa batteries (included). Mini magnifier enlarges objects for easier viewing

Mini-Magnifier

- Swiveling, molded lens. 1.75x magnification
- Enlarges objects for easier viewing



| Part No. | Description | L x W x H |
|----------|--------------------------------|--------------------|
| HS15093 | Mini Light Box, with Batteries | 161 x 135 x 44 mm |
| HS15092D | Mini Magnifier | 161 x 135 x 207 mm |



smartPicks® Inoculation Picks

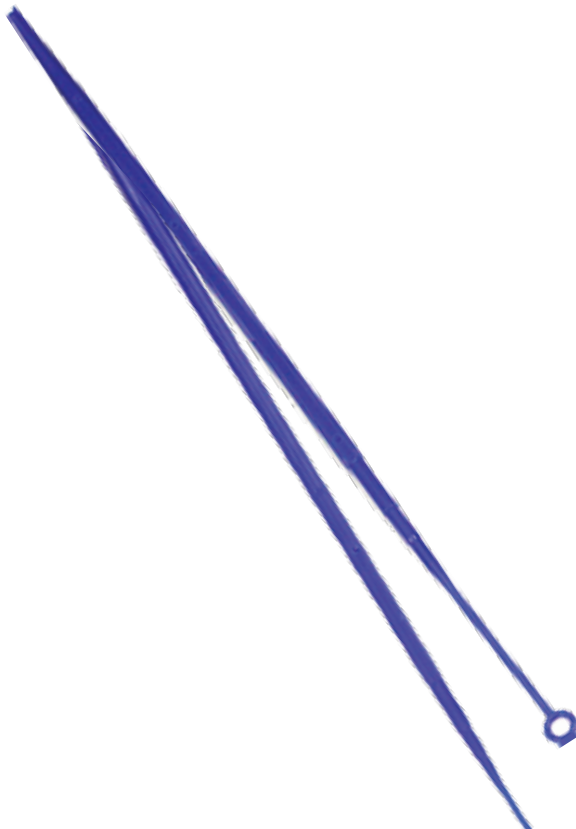
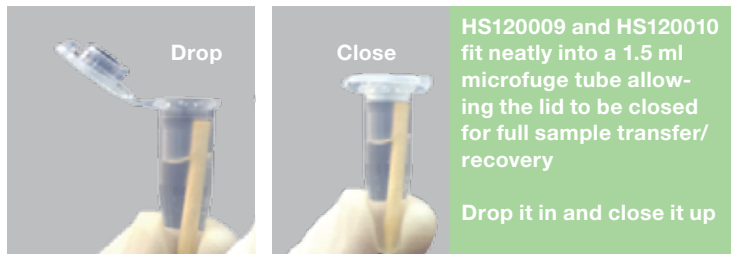
The 'smart' way to isolate individual colonies

Available in three lengths and two needle sizes to suit a wide range of application needs.

- Naturally biodegradable, made from 100% U.S.A grown white birch wood
- Manufactured in an fda-registered factory and comply with FDA standards for food contact
- Available in semi or needle point styles for delicate operations
- **Autoclavable**
- **Disposable**



| Part No. | Description | Qty. |
|----------|--|---------|
| HS120009 | Mini, Semi Point, 1.28", Fits 1.5 mL tube (closed) | 2000/pk |
| HS120010 | Mini, Needle Point, Fits 1.5 mL tube (closed) | 2000/pk |
| HS120011 | Standard, Semi Point, 2.5" Single Tip | 1500/pk |
| HS120012 | Standard, Needle Point, 2.5" Single Tip | 1500/pk |
| HS120013 | Large, Semi Point, 6" Single Tip | 500/pk |
| HS120014 | Large, Needle Point, 6" Single Tip | 500/pk |



Inoculating Needle/Loops

Combination provides choice to spread or pick colonies and cultures

Transfer bacterial cultures without risk of contamination.

- Use loop end to uniformly streak a gel surface
- Use needle end for removal of colonies
- Choose between flexible polypropylene or the more rigid ABS versions
- Disposable, sterile, 20 per zip bag with lot-to-lot traceability
- **Disposable**

| Part No. | Description | Material | L x D | Pkg. |
|----------|-------------|-------------|------------|---------|
| HS81121A | 1 µL Loop | flexible PP | 200 x 4 mm | 1000/pk |
| HS81121B | 1 µL Loop | Rigid ABS | 200 x 4 mm | 1000/pk |
| HS81121C | 10 µL Loop | Flexible PP | 200 x 4 mm | 1000/pk |
| HS81121D | 10 µL Loop | Rigid ABS | 200 x 4 mm | 1000/pk |



Petri Dish Dispenser

- Sturdy acrylic holds up to 30 x 100 mm dishes in two easy-access partitions
- Bench top or wall mountable (screws provided)

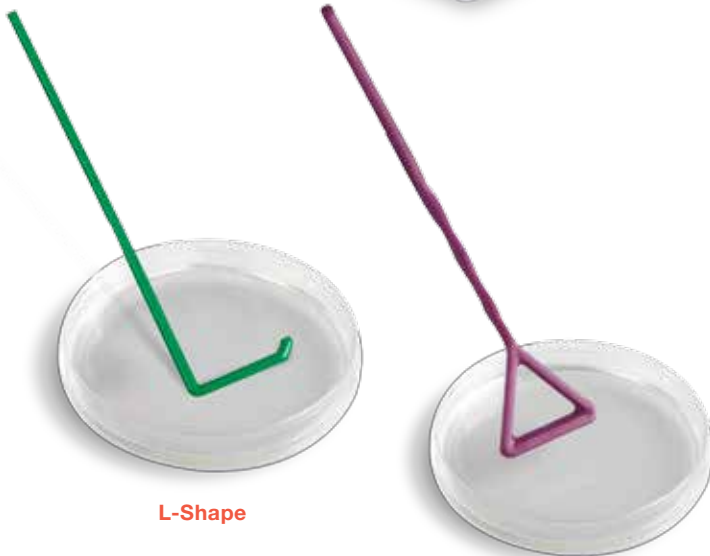
| | |
|----------------|--------------------|
| Part No. | L x W x H |
| HS23452 | 222 x 107 x 236 mm |



Wire Petri Dish Holder

- Holds up to 6 x 100 mm petri dishes
- Epoxy-coated steel wire
- **Autoclavable**

| | |
|----------------|-------------------|
| Part No. | L x W x H |
| HS23455 | 127 x 86 x 107 mm |



L-Shape

Delta™

Cell Spreaders

Delta™

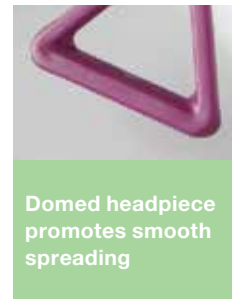
- Flexible rippled handle and domed spreading bar to help reduce agar tears
- Gamma sterilized
- **Disposable**

L-Shape

- Lot-to-lot traceability, 10 wrap comes in a zip bag
- **Disposable**

Stainless Steel

- Reusable
- **Flame and autoclave sterilizable**



Domed headpiece promotes smooth spreading



Stainless Steel

| Part No. | Description | Sterile | Bar x Dia | Qty. |
|----------------|-----------------|------------------|-----------------|--------|
| HS8151 | Delta™ | Yes, Single Wrap | 172 x 37 x 4 mm | 500/pk |
| HS8171A | L-Shape | Yes, Single Wrap | 146 x 38 x 4 mm | 500/pk |
| HS8171B | L-Shape | Yes, 10 Wrap | 146 x 38 x 4 mm | 500/pk |
| HS86655 | Stainless Steel | No | 203 x 33 x 4 mm | Each |



storage

Simple and practical solutions reduce bench clutter and keep what you need close at hand.

droplet™

Corrugated sample storage tray Disposable sample organization and storage

Corrugated storage trays can be used with the included dividers for specimen containers or remove them for general lab product storage or transport.

- Made from corrugated polypropylene
- Moisture resistant, significantly reducing the chance of mold
- Lightweight and sturdy to hold up to 24 full specimen containers
- Stackable with other trays
- Removable dividers allow outer shell to be used for storage or transport of laboratory products
- Pack includes: 10 trays and 10 dividers
- **Disposable**

| Part No. | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|-------|-----------|---|---------|--------------------------------|
| HS120375 | 24 | 58 mm | 16 x 10.24 x 3.5 in (40.6 x 26 x 8.9 cm) | 10/pack | White <input type="checkbox"/> |



Trays are supplied "flat-packed"

reducing the amount of space needed for storage



Use for storage or transport of laboratory products



Removable inserts



droplet™

Sample storage tray Sample organization for the busy lab

Durable storage trays that can be used for the transportation and storage of general lab products, or with the insert tray provided for specimen containers.

- Large, usable, easy to clean surface area enables products of all shapes and sizes to be contained
- Lightweight and sturdy to hold up to 24 full specimen containers (specimen containers not included).
- Removable insert to allow outer shell to be used for storage or transportation of laboratory products
- Stackable with other trays to support as many as four high
- Integrated label holder with cards to enable easily changed identification
- Able to be cleaned with common disinfectants

| Part No. | Wells | Well Dia. | L x W x H | Pkg. | Color |
|----------|-------|-----------|--|------|--------------------------------|
| HS120172 | 24 | 58 mm | 18.9 x 13 x 3.3 in (48 x 33.1 x 8.4 cm) | 1/ea | White <input type="checkbox"/> |



Use for storage or transport of laboratory products and specimen containers

MAGLab Series™

Create lab storage space—off your bench top

Easily organize common lab products off your bench top with the **MagLab™** storage system.

Each rack is made of robust ABS plastic in a bright translucent color and features four powerful magnets for a secure hold onto most metal surfaces, or create your own holding point with the metal plate provided.

- **MagRack™** holds four 50 mL tubes and nine 15 mL tubes
- **MagWipe™** holds a standard (110 x 210 mm) Kimwipes® box
- **MagPette™** holds two pipettors (fits most popular styles)
- **MagBox™** holds miscellaneous accessories
- Use the **MagLab™** self-adhesive mounting plates for use on non-metallic surfaces
- The **MagLab™** Series is available individually or as a pack of four

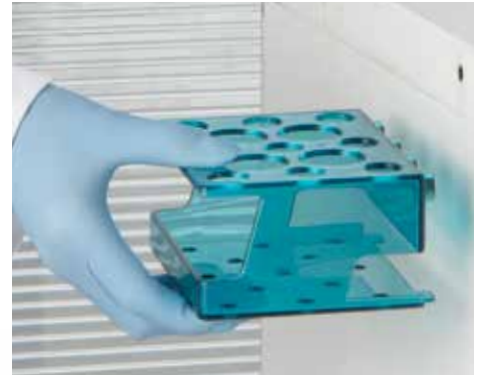
| Part No. | Description | L x W x H | | Color |
|----------------|----------------------------|--------------------|----------------------|-----------|
| HS23500 | MagLab series, 4/pk | — | — | ■ ■ ■ ■ * |
| HS23501 | MagRack | 5.1 x 4.4 x 2.5 in | 13.1 x 11.2 x 6.4 mm | Teal ■ |
| HS23502 | MagWipe | 5.1 x 3.5 x 3.8 in | 13.0 x 9.1 x 9.8 mm | Green ■ |
| HS23503 | MagPette | 5.1 x 4.4 x 2.9 in | 13.1 x 11.2 x 7.6 mm | Purple ■ |
| HS23504 | MagBox | 5.1 x 3 x 4 in | 13.0 x 7.8 x 10.2 mm | Orange ■ |

*Assorted colors: Teal, Green, Purple and Orange

Kimwipes® is a registered trademark of Kimberly-Clark Corp.



Includes self-adhesive metal plates that adhere to any surface



clearly safe® Workstation Storage Bin

The essential combination accessory holder

- Organize your most commonly used laboratory disposables in one central location
- Acrylic unit has room to store gloves, Kimwipes®, and Parafilm®
- Use bins to store tubes, tips, etc.

| Part No. | L x W x H |
|-----------------|--------------------|
| HS234523 | 265 x 137 x 440 mm |



Parafilm® is a registered trademark of Bemis Inc.





Benchtop Dispensing Bins

Work great with gloved hands, bright colors

Ergonomically designed with large, angled openings and oversized lip.

- Lid remains open when tilted back
- Nonskid rubber feet and pre-drilled holes for wall mounting
- Green bin includes a removable divider
- Mounting screws included

| Part No. | Compartments | W x H x D | Colors |
|----------------|--------------|--------------------|--|
| HS23411 | Dual | 180 x 155 x 165 mm | Neon Green  |
| HS23412 | Single | 155 x 155 x 170 mm | Neon Blue  |



SEE PAGE 36
for our selection of
Pearl™ pipettes

Pipette Workstation

Organize your pipette and tips

Keep pipette and disposable tips together in one convenient stand.

- Acrylic rack holds up to four pipettors on top shelf
- Dual bins house two different sizes of tips. Self-closing lids provide dust-free storage
- Oversized lip on lid allows for easy access even when wearing gloves

| Part No. | L x W x H |
|-----------------|--------------------|
| HS234631 | 244 x 165 x 246 mm |



Drawer Organizer

Keeps supplies organized and easily accessible

Polystyrene organizer is perfect for storing and organizing small laboratory supplies.

- Protect small and fragile items
- Fit in most standard drawers or store on benches and shelves

| Part No. | Description | Overall L x W x H |
|----------------|-------------------------------------|-------------------|
| | 3-Compartment Tray: | |
| HS2538A | 2 compartments measure 430 x 80 mm | 460 x 307 x 63 mm |
| | 1 compartment measures 430 x 110 mm | |



Workstation Dispensing Bins

Crystal-clear bins let you see your small items inventory

- See inventory levels of pipette tips, tubes, fittings, finger cots, and other bulk small items at a glance.
- Flip-top covers on generous openings make filling and dispensing easy and keep products dust-free
- 4 sizes available to cater to a wide variety of storage needs
- Includes non-skid rubber feet

| Part No. | No. Bins | L x W x D |
|----------------|----------|--------------------|
| HS23401 | One | 180 x 175 x 235 mm |
| HS23402 | Two | 139 x 160 x 368 mm |
| HS23403 | Three | 210 x 155 x 212 mm |
| HS23404 | Four | 278 x 158 x 217 mm |



Glove Box Holders

Keep gloves organized and ready for immediate use

- Free up bench top space by mounting holders on wall for easy dispensing of gloves
- Universal fit for most major brands of glove boxes
- Mounting screws included

| clear acrylic glove box holders | Part No. | Description | Material | W x H x D |
|---------------------------------|-----------------|--------------|----------|--------------------|
| | HS23471A | 1-box holder | Acrylic | 141 x 260 x 110 mm |
| | HS23471B | 2-box holder | Acrylic | 295 x 260 x 110 mm |
| | HS23471C | 3-box holder | Acrylic | 295 x 385 x 110 mm |

- Includes a polyester foam insert to securely hold a range of glove box sizes—snug fit ensures easy removal of gloves from the box

| wire glove box holders | Part No. | Description | Material | W x H x D |
|------------------------|----------------|--------------|----------|--------------------|
| | HS23457 | 1-box holder | Wire | 140 x 209 x 108 mm |
| | HS23458 | 3-box holder | Wire | 250 x 454 x 108 mm |

- Epoxy-coated steel wire racks are an economical solution



Modular Glove Box Holders

Available infused with Microban® for anti-microbial protection

The anti-microbial version (blue) is ideal for use in clean rooms, hospitals, and microbiological work areas. The Microban additive prevents growth of molds and bacteria.

- High-impact, durable resin is resistant to harsh cleaning solutions
- Modular design allows single boxes or horizontal stacking for multiple box holder
- Universal fit for most major brands of glove boxes
- Mounting screws included

| Part No. | Description | L x W x H | Pkg. | Color |
|-----------------|--|-------------------|------|--|
| HS120258 | Modular glove box holder | 254 x 156 x 97 mm | 3/pk | White <input type="checkbox"/> |
| HS23491A | Modular glove box holder, anti-microbial | 254 x 156 x 97 mm | 3/pk | Blue <input checked="" type="checkbox"/> |



Microban® antimicrobial protection has been built-in to our anti-microbial glove boxes during manufacturing. When microbes, such as bacteria, mold, and mildew that can cause stains, odors and product deterioration come in contact with the glove box surface, Microban protection penetrates the cell wall of the microbe and disrupts key cell functions so that the microbe cannot function, grow, or reproduce. Microban protection is an intrinsic part inside and at the surface and will not wash off or wear away for the useful lifetime of the glove box.





Store different size boxes ... all in one holder

Wall Holder 4 Position Adjustable Ideal for gloves, face masks, shoe covers...

The adjustable holding points provide true flexibility to hold up to four different boxed protective products and other lab essentials (size dependent).

- Ideal for holding different boxed sizes of gloves, mop caps, ear plugs, face masks, shoe covers
- Adjustable universal fit, easy to clean, with a low profile
- Wall- or door-mountable, mounting hardware included

| Part No. | Description | L x W x D |
|----------|------------------------|-------------------|
| HS120107 | Adjustable Wall Holder | 762 x 152 x 76 mm |



Lab Wipe Holders Holds Kimwipes® and other major brands

Clear acrylic holders fit boxes of small or large lab wipes.

- Mount on a shelf or wall
- The smaller version attaches with double-sided adhesive tape and the larger version with screws
- Mounting materials included

| Part No. | Description | L x W x D |
|----------|--------------|-------------------|
| HS234521 | Small Holder | 118 x 122 x 84 mm |
| HS234522 | Large Holder | 320 x 127 x 97 mm |

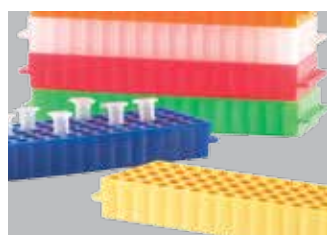


Storage Racks for 80-well Racks Strong, clear acrylic construction

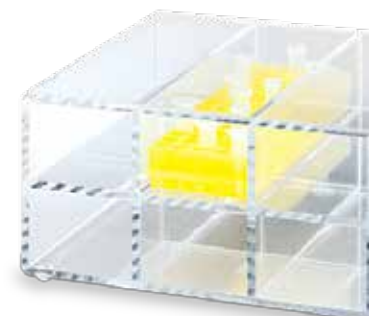
These racks help you keep large numbers of microtubes organized on your benchtop.

- Holds up to eight 80-well microtube racks filled with either 1.5 or 2.0 mL microtubes - see page 20
- Plenty of room to slide the racks in and out

| Part No. | Description | L x W x D |
|----------|-----------------|--------------------|
| HS23263A | Vertical Rack | 157 x 236 x 234 mm |
| HS23263B | Horizontal Rack | 310 x 236 x 122 mm |



SEE PAGE 20
for 80 well tube
rack selection



clearly safe®

Soft Cover Dispenser

Store and dispense with ease

Translucent acrylic dispensers provide easy access to safety accessories.

- Hinged lid protects contents from dust and debris
- Set on counter or wall mount (screws included)
- Great for holding other personal items



| Part No. | L x W x D | Color |
|----------------|--------------------|----------------------------------|
| HS1040C | 227 x 162 x 156 mm | Natural <input type="checkbox"/> |



Earplug Dispenser

Translucent acrylic dispensers provide easy access to safety accessories

- Holds approximately 200 pairs of foam earplugs
- Set on counter or wall mount (screws included)

| Part No. | L x W x D | Color |
|----------------|--------------------|---|
| HS1040B | 227 x 162 x 156 mm | Green <input checked="" type="checkbox"/> |



Three-in-One Dispenser

Three separate lift-up lids make loading and dispensing supplies easy

Three-compartment dispenser can be used to organize safety glasses, earplugs, soft covers (including bouffant caps, beard covers, shoe covers) or any small items that need to be kept within reach.

The unit includes screws for wall mounting or can be set on a counter.

- Middle compartment has reach-in hole for dispensing
- Durable acrylic is see-through so product levels are always visible

| Part No. | L x W x D | Color |
|---------------|--------------------|--|
| HS1042 | 406 x 406 x 203 mm | Grey <input checked="" type="checkbox"/> |



Safety Glasses Dispensers

Ergonomically angled for easy dispensing

Translucent acrylic dispensers provide easy access to safety accessories.

- Hinged lid protects glasses from dust and debris
- Set on counter or wall mount (screws included)
- Large dispenser holds approx. 20 glasses, small approx. 10 glasses
- Great for holding other personal items

| Part No. | L x W x D | Color |
|----------------|--------------------|--|
| HS1041 | 227 x 162 x 156 mm | Blue <input checked="" type="checkbox"/> |
| HS1040A | 203 x 203 x 406 mm | Blue <input checked="" type="checkbox"/> |



Storage Rack for Microscope Slide Boxes

Create a file system for 50- and 100-place slide boxes (Storage rack makes organization of samples easy).

- Clear acrylic construction allows the labels to be seen on the slide boxes
- Place boxes in rows or columns by color to create an easy coding system

| Part No. | Bins | L x W x H |
|------------------|---------|-----------------|
| HS159890B | 15 bins | 711 x 171 x 228 |





Constructed of high-impact polypropylene

Tubby® Container Sturdy storage tub with lid and divider

Our handy Tubby® stackable storage container is designed to help organize a laboratory. The removable dividers can create as big or as small a compartment as needed. Perfect for keeping tubes, tips, pipettes, gloves, and other small items organized and out of the way. The lid snaps in place to secure the contents and for safe transport.

| Part No. | Qty. | L x W x D |
|----------------|------|--------------------|
| HS23453 | Pk/5 | 330 x 200 x 115 mm |

Wire Drying Rack Saves glassware from chips and cracks

- Drain and dry test tubes, beakers, flasks, and other labware.
- Place self-standing rack on a table or near a sink, or use hooks to hang rack on the wall
 - Holds up to 90 pieces of labware on 18 x 127 mm pins and 72 x 76 mm pins
 - Constructed of spot-welded, vinyl-coated steel wire for durability
 - Easily accessible and removable bottom drainage pan



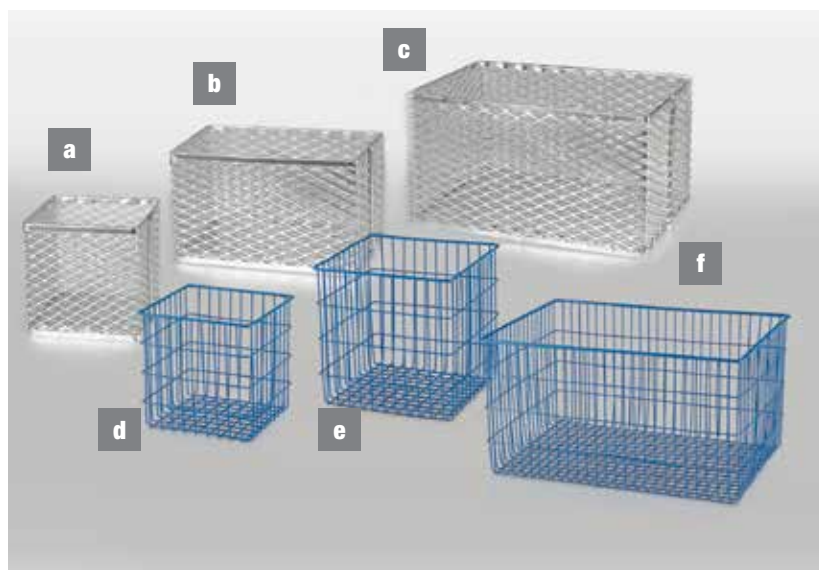
| Part No. | L x W x H |
|-----------------|--------------------|
| HS23243A | 462 x 182 x 525 mm |



Removable pan helps remove excess water

Test Tube Baskets Ideal for washing and storing test tubes

- Strong baskets for use with mechanical washers and autoclaves.
- Baskets for use in washers, autoclaves or for storage of lab consumables
 - Available in either epoxy-coated steel or lighter weight aluminum style
 - **Autoclavable**



| | Part No. | Material | L x W x H |
|----------|-----------------|--------------------|--------------------|
| a | HS20341A | Aluminum | 152 x 152 x 152 mm |
| b | HS20341B | Aluminum | 256 x 152 x 152 mm |
| c | HS20341C | Aluminum | 332 x 228 x 178 mm |
| d | HS120082 | Epoxy-coated steel | 125 x 125 x 125 mm |
| e | HS120083 | Epoxy-coated steel | 150 x 150 x 150 mm |
| f | HS120084 | Epoxy-coated steel | 332 x 228 x 178 mm |



sealing and labeling




Sample protection and identification for a wide range of tubes and vials.

ABS dispenser for Parafilm® Sealing Film

Unique design for maximum safety

Store, dispense, and cut Parafilm®, tape, labels, and Tough-Tags®.

- ABS plastic dispenser designed with a safety razor that slides and cuts with no danger to fingers. supplied with two easily exchanged cutting blades
- Dispenser holds one or two 50 mm (2-inch) rolls, or one 100 mm (4-inch) roll

| Part No. | W x H x D | Color |
|------------------|---|---|
| HS234525B | 120 x 156 x 171 mm | Blue  |
| HS234525C | 120 x 156 x 171 mm | Green  |
| HS234525D | 120 x 156 x 171 mm | Red  |
| HS234525R | Replacement blades for ABS dispenser, pack of 5 | |



Acrylic Dispenser for Parafilm® Sealing Film

Heavy-duty construction for increased durability

Store, dispense, and cut Parafilm®, tape, labels, and Tough-Tags®.

- Strong, crystal-clear acrylic dispenser makes your film supply visible and features a serrated cutting blade
- Dispenser holds one or two 50 mm (2-inch) rolls, or one 100 mm (4-inch) roll

| Part No. | W x H x D |
|-----------------|--------------------|
| HS234524 | 119 x 168 x 175 mm |



Parafilm® Sealing Film

Colorless, moisture-proof film molds to surface

Parafilm® M is a semi-transparent, flexible, thermoplastic film with two-way stretch.

- Non-toxic and free from plasticizers, primarily composed of polyolefins and paraffin waxes offering good resistance against acids, alkalis and some organic solvents—use not recommended with acetone, diethyl ether or tetrachloride
- Will stretch 200% and adhere to irregular shapes and surfaces to provide a secure seal
- **Disposable**

| Part No. | Film Width | Roll Length | W x H x D |
|------------------|------------------|-------------|------------------------|
| HS234526A | 50 mm (2-inch) | 75 m | 135 x 58 x 132 mm |
| HS234526B | 100 mm (4-inch) | 38 m | 132 x 135 x 112 mm |
| HS234526C | 100 mm (4-inch) | 75 m | 135 x 107 x 132 mm |
| HS120265 | 508 mm (20-inch) | 16 m | 508 x 64.77 x 64.77 mm |

Cryo-Babies® and CryoTags® Low Temperature Labels

For secure uncompromised labeling

- Temperature resistance -196°C to 150°C
- Liquid and vapor phase LN₂, water baths to 100°C and autoclaving and moderate ovens to 150°C
- Chemically inert resistant to most solvents and caustic agents.
- Adheres to most plastics (100% virgin PP tubes recommended), glass and metals without cracking, peeling, or degrading
- Label sheets will not jam printers.
- Flexible polyolefin material and acrylic adhesive
- Unique combo expands and contracts together with temperature fluctuations
- **Autoclavable**
- **Disposable**



Cryo-Babies® and CryoTags® on a roll of 1000

| Code | Color | Label Size | Ideal Use |
|-----------------------|---------|--------------------------------|--------------|
| HEACRY-0500 | White | 0.94 in x 0.5 in (24 x 13 mm) | 0.5 mL tubes |
| HEACRY-1000 | White | 1.28 in x 0.5 in (33 x 13 mm) | 1.5 mL tubes |
| HEACRY-1000(x) | Specify | 1.28 in x 0.5 in (33 x 13 mm) | 1.5 mL tubes |
| HEACRY-2000 | White | 1.50 in x 0.75 in (38 x 19 mm) | General |
| HEACRY-2000(x) | Specify | 1.50 in x 0.75 in (38 x 19 mm) | General |

Cryo-Babies®, CryoTags®, Tough-Spots®, Tough-Tags®, PetriSEAL™, ContainerSEAL™ and DuraSEAL™ are registered trademarks of Diversified Biotech



SEE PAGE 9
for our selection of microtubes and cryo vials

Laser Cryo-Babies® and CryoTags® on sheets (20 sheets per Pack)

| Code | Color | Label Size | Sheet Layout | Labels/Sheet | Ideal Use | No. Labels |
|------------------------|----------|--------------------------------|------------------|--------------|-----------------|------------|
| HEALCRY-2380(x) | Specify | 0.94 in x 0.5 in (24 x 13 mm) | 7 Across/17 Down | 119 | 0.5 mL Tubes | 2,380 |
| HEARNBW-2300 | Rainbow* | 0.94 in x 0.5 in (24 x 13 mm) | 7 Across/17 Down | 119 | 0.5 mL Tubes | 2,380 |
| HEALCRY-1700(x) | Specify | 1.28 in x 0.5 in (33 x 13 mm) | 5 Across/17 Down | 85 | 1.5 mL Tubes | 1,700 |
| HEARNBW-2200 | Rainbow* | 1.28 in x 0.5 in (33 x 13 mm) | 5 Across/17 Down | 85 | 1.5 mL Tubes | 1,700 |
| HEAMINI-1700 | White | 1.28 in x 0.5 in (33 x 13 mm) | 3 Across/17 Down | 51 | 1.5 mL Tubes | 1,020 |
| HEALCRY-1200(x) | Specify | 1.50 in x 0.75 in (38 x 19 mm) | 5 Across/12 Down | 60 | General | 1,200 |
| HEARNBW-2100 | Rainbow* | 1.50 in x 0.75 in (38 x 19 mm) | 5 Across/12 Down | 60 | General | 1,200 |
| HEALCRY-1100(x) | Specify | 1.69 in x 0.75 in (43 x 19 mm) | 4 Across/13 Down | 52 | Cryogenic Vials | 1,040 |
| HEARNBW-2000 | Rainbow* | 1.69 in x 0.75 in (43 x 19 mm) | 4 Across/13 Down | 52 | Cryogenic Vials | 1,040 |
| HEASIDE-1000(x) | Specify | 1.50 in x 0.25 in (38 x 6 mm) | 4 Across/39 Down | 156 | Microplates | 3,120 |
| HEARNBW-2400 | Rainbow* | 1.50 in x 0.25 in (38 x 6 mm) | 4 Across/39 Down | 156 | Microplates | 3,120 |
| HEALCRY-1258(x) | Specify | 2.625 in x 1.0 in (67 x 25 mm) | 3 Across/10 Down | 30 | Racks & Boxes | 600 |
| HEARNBW-2500 | Rainbow* | 2.625 in x 1.0 in (67 x 25 mm) | 3 Across/10 Down | 30 | Racks & Boxes | 600 |

To **Specify** color, substitute (x) with a letter - B=Blue, G=Green, O=Orange, R=Red, Y=Yellow *Rainbow packs contain 4 sheets of each Blue, Green, Orange, Red, Yellow

Tough-Spots® Tube Labels

Pre-cut peel off labels for tube tops

- Resistant to most solvents and caustic agents. Adhere to most plastics, glass, and metals without cracking, peeling or degrading
- Label sheets will not jam printers
- Flexible polyolefin material and acrylic adhesive

Tough-Spots® on a Roll

| Part No. | Color | Label Size | Ideal Use | Labels/Roll |
|-------------------------|---------|------------------|------------------|-------------|
| HEATS-TNY | White | 3/16 in (4.8 mm) | 0.2 mL tubes | 1500 |
| HEAT-SPOTS | White | 3/8 in (9.5 mm) | 0.5 mL tubes | 1000 |
| HEAT-SPOTS-(x) | Specify | 3/8 in (9.5 mm) | 0.5 mL tubes | 1000 |
| HEAT-SPOTS-50 | White | 1/2 in (13 mm) | 1.5/2.0 mL tubes | 1000 |
| HEAT-SPOTS-50(x) | Specify | 1/2 in (13 mm) | 1.5/2.0 mL tubes | 1000 |
| HEAT-SPOTS-44 | White | 7/16 in (11 mm) | 1.5/2.0 mL tubes | 1000 |
| HEAT-SPOTS-75 | White | 3/4 in (19 mm) | 15–50 mL tubes | 500 |
| HEAT-SPOTS-100 | White | 1.0 in (25 mm) | 50 mL tubes | 500 |

To **Specify** color, substitute (x) with a letter: B=Blue, C=Coffee, D=Gold G=Green, L=Lavender, M=Maroon, O=Orange, P=Pink, R=Red, S=Silver, Y=Yellow



Laser Tough-Spots® on sheets. 20 sheets per pack

| Part No. | Color | Label Size | Sheet Layout | Labels/Sheet | Ideal Use | No. Labels |
|-----------------------|----------|-----------------|-------------------|--------------|------------------|------------|
| HEASPOT-1(x)00 | Specify | 3/8 in (9.5 mm) | 12 across/16 down | 192 | 0.5 mL tubes | 3,840 |
| HEARNBW-1000 | Rainbow* | 3/8 in (9.5 mm) | 12 across/16 down | 192 | 0.5 mL tubes | 3,840 |
| HEASPOT-2(x)00 | Specify | 1/2 in (13 mm) | 12 across/16 down | 192 | 1.5–2.0 mL tubes | 3,840 |
| HEARNBW-1100 | Rainbow* | 1/2 in (13 mm) | 12 across/16 down | 192 | 1.5–2.0 mL tubes | 3,840 |
| HEASPOT-5000 | White | 7/16 in (11 mm) | 13 across/18 down | 234 | 1.5–2.0 mL tubes | 4,680 |
| HEASPOT-3000 | White | 3/4 in (19 mm) | 9 across/12 down | 108 | 15–50 mL tubes | 2,160 |
| HEASPOT-4000 | White | 1.0 in (25 mm) | 7 across/8 down | 63 | 50 mL tubes | 1,260 |

To **Specify** color, substitute (x) with a number: 0=White, 1=Blue, 2=Green, 3=Orange, 4=Red, 5=Yellow; *Rainbow packs contain 4 sheets of each

Tough-Tags® on a Roll of 1000

| Part No. | Color | Label Size | Ideal Use |
|-----------------------|---------|--------------------------------|------------------|
| HEATT-TNY | White | 0.81 in x 0.28 in (21 x 7 mm) | 0.2 mL tubes |
| HEATTSW-1000 | White | 0.94 in x 0.5 in (24 x 13 mm) | 0.5 mL tubes |
| HEATTS(x)-1000 | Specify | 0.94 in x 0.5 in (24 x 13 mm) | 0.5 mL tubes |
| HEATTLW-1000 | White | 1.28 in x 0.5 in (33 x 13 mm) | 1.5/2.0 mL tubes |
| HEATTL(x)-1000 | Specify | 1.28 in x 0.5 in (33 x 13 mm) | 1.5/2.0 mL tubes |
| HEATTGP-1000 | White | 1.50 in x 0.75 in (38 x 19 mm) | General |
| HEATT-SWALL | White | 1.50 in x 0.25 in (38 x 6 mm) | Microplates |

To **Specify** color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, Y=Yellow



Laser Tough-Tags® on sheets — 25 sheets per pack

| Part No. | Color | Label Size | Sheet Layout | Labels/Sheet | Ideal Use | No. Labels |
|------------------------|----------|----------------------------------|------------------|--------------|-------------------|------------|
| HEATTSW-2240 | White | 0.94 in x 0.5 in (24 x 13 mm) | 7 across/17 down | 119 | 0.5 mL tubes | 2,975 |
| HEATTSW-2240(x) | Specify | 0.94 in x 0.5 in (24 x 13 mm) | 7 across/17 down | 119 | 0.5 mL tubes | 2,975 |
| HEARNBW-3100 | Rainbow* | 0.94 in x 0.5 in (24 x 13 mm) | 7 across/17 down | 119 | 0.5 mL tubes | 2,975 |
| HEATTLW-2016 | White | 1.28 in x 0.5 in (33 x 13 mm) | 5 across/17 down | 85 | 1.5/2.0 mL tubes | 2,125 |
| HEATTLW-2016(x) | Specify | 1.28 in x 0.5 in (33 x 13 mm) | 5 across/17 down | 85 | 1.5/2.0 mL tubes | 2,125 |
| HEARNBW-3000 | Rainbow* | 1.28 in x 0.5 in (33 x 13 mm) | 5 across/17 down | 85 | 1.5/2.0 mL tubes | 2,125 |
| HEATTGP-1050 | White | 1.50 in x 0.75 in (38 x 19 mm) | 5 across/12 down | 60 | General | 1,500 |
| HEATTGP-1050(x) | Specify | 1.50 in x 0.75 in (38 x 19 mm) | 5 across/12 down | 60 | General | 1,500 |
| HEARNBW-3200 | Rainbow* | 1.50 in x 0.75 in (38 x 19 mm) | 5 across/12 down | 60 | General | 1,500 |
| HEAMISL-1000 | White | 0.875 in x 0.875 in (22 x 22 mm) | 8 across/12 down | 96 | Microscope Slides | 2,400 |
| HEAMISL-1000(x) | Specify | 0.875 in x 0.875 in (22 x 22 mm) | 8 across/12 down | 96 | Microscope Slides | 2,400 |
| HEARNBW-3300 | Rainbow* | 0.875 in x 0.875 in (22 x 22 mm) | 8 across/12 down | 96 | Microscope Slides | 2,400 |

To **Specify** color, substitute (x) with a letter: B=Blue, G=Green, O=Orange, R=Red, Y=Yellow; *Rainbow packs contain 5 sheets of each

Label Station

Organize your labels for easy accessibility

Portable label station holds up to six standard size boxes of Tough-Tags®, Cryo-Babies®, and Tough-Spots®.

Just drop the box in the label station and feed the paper through the slot. Labels shown not included, order separately.

- Acrylic station includes a writing surface, a cutting edge for easy dispensing, and non-skid rubber feet
- Counter-sunk holes provided for wall mounting
- Translucent blue

| Part No. | Description | Color | W x H x D |
|----------|---------------|-------|-------------------|
| HS23460 | Label Station | Blue | 280 x 120 x 89 mm |



Dual-tip and Standard Fine Tip Sharpie® Pens

Bright selection of colors that offer instant visual recognition

Combines a fine tip at and an ultrafine tip.

| Part No. | Description | Qty. | Color |
|-----------|--------------------|-------|-----------------|
| HS15094 | Dual-tip pen set | 8/pk | ■ ■ ■ ■ ■ ■ ■ * |
| HS15092ZP | Standard Fine Pens | 12/pk | Black ■ |

*Assorted colors (berry, black, lime, navy, orange, purple, sky blue, and turquoise)



Sharpie® is a registered trademark of Sanford, A Newell Rubbemaidd Company

DuraSEAL™

Durable heat-resistant, solvent-proof Laboratory stretch film

- Heat-resistant and microwave compatible for temperatures up to 100°C (boiling water)
- Highly resistant to solvents and caustic agents
- Film can stretch 500–800% before breaking or tearing
- Forms an airtight barrier and is twice as long as some other brands
- **Disposable**

| Part No. | Size | Ideal Use |
|------------|--------------------------------|------------------|
| HEADS1-150 | 25 mm x 46 m/1.0 in x 150 ft | Tubes/Vials |
| HEADS2-500 | 50 mm x 152 m/2.0 in x 500 ft | Beakers |
| HEADS4-250 | 100 mm x 76 m/4.0 in x 250 ft | Jars/Bottles |
| HEADS4-500 | 100 mm x 152 m/4.0 in x 500 ft | Jars/Bottles |
| HEADS5-150 | 127 mm x 46 m/5.0 in x 46 ft | Large Containers |



Stretches 500–800%

PetriSEAL™ and ContainerSEAL™

Sealing tape for petri dishes, microplates, lids and caps

- Seal remains flexible even with intermittent exposure to 100°C
- Tape stretches, conforms and seals to irregular perimeters
- Waterproof and chemically resistant to most solvent and caustic agents
- **Disposable**

| Part No. | Size | Description |
|----------------------|----------------------------------|-------------------------|
| HEAPSEAL-108B | 0.5 in x 108 ft (13 mm x 33 m) | PetriSEAL blue |
| HEAPSEAL-108C | 0.5 in x 108 ft (13 mm x 33 m) | PetriSEAL clear |
| HEAPSEAL-108R | 0.5 in x 108 ft (13 mm x 33 m) | PetriSEAL red |
| HEAPSEAL-108Y | 0.5 in x 108 ft (13 mm x 33 m) | PetriSEAL yellow |
| HEAPSEAL-108W | 0.5 in x 108 ft (13 mm x 33 m) | PetriSEAL white |
| HEACSEAL-75R | 0.75 in x 108 ft (8.5 mm x 33 m) | ContainerSEAL red |
| HEACSEAL-75W | 0.75 in x 108 ft (8.5 mm x 33 m) | ContainerSEAL white |
| HEACSEAL-75Y | 0.75 in x 108 ft (8.5 mm x 33 m) | ContainerSEAL yellow |
| HEACSEAL-XLR | 1.0 in x 108 ft (25 mm x 33 m) | ContainerSEAL red xl |
| HEACSEAL-XLW | 1.0 in x 108 ft (25 mm x 33 m) | ContainerSEAL white xl |
| HEACSEAL-XLY | 1.0 in x 108 ft (25 mm x 33 m) | ContainerSEAL yellow xl |



Unique safety lid

Mini Bin Foil Dispenser

Safely cut foil to any size

The mini bin foil dispenser is a great alternative to wasteful giant-sized foil rolls and expensive precut foil squares.

- Compact to fit in limited work space areas and easy to transport
- Safe to use—load the foil roll, press the cover to activate the safety guard
- Foam strip prevents foil retracting back into unit
- For use with 102 mm or 153 mm (4 or 6 inch) length foil rolls (sold separately)
- Made of ABS

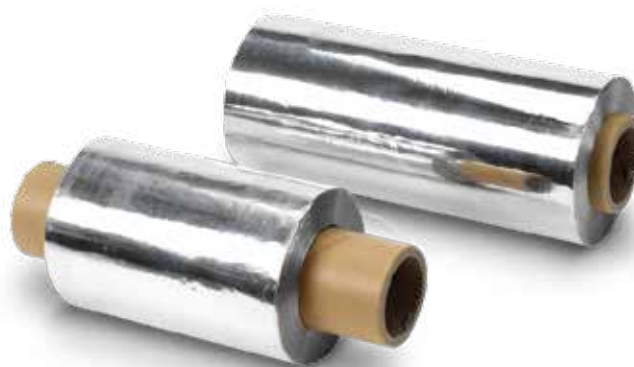
| Part No. | W x H x D |
|-----------------|--------------------|
| HS23520A | 190 x 100 x 112 mm |

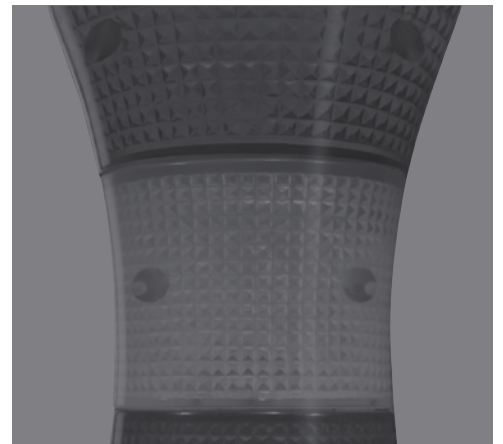
Foil Rolls

Designed for easy use and minimal waste

- Custom-sized pieces of foil can easily be created for covering small surfaces such as beakers, flasks, tubes and Petri dishes.
- Ideal for autoclaving, freezing, incubating, protecting labware, lining, sealing, and general storage
- Two sizes available. designed to fit the mini bin foil dispenser
- **Disposable**

| Part No. | Description | Roll Length |
|-----------------|--------------------------------|-------------|
| HS23534A | 4 in (102 mm) length foil roll | 152.4 m |
| HS23536A | 6 in (153 mm) length foil roll | 152.4 m |





timers and notebooks

Track tasks and record your results with our wide selection of timers and notebooks.

Laboratory notebooks

For recording research data, experimental procedures, and design ideas, use these notebooks to keep information safe and well organized

- Numbered, acid-free, pages include spaces for title, project number, book number, date, and witness signature
- Lined notebooks feature college-ruled pages for easy report writing
- Covers for all versions are waterproof and chemical-resistant
- All notebooks contain periodic and conversion tables in the back

| Part No. | Pages | Page Format | L x W | Qty. | Color |
|----------------|-------|-------------|--------------|-------|---------|
| HS8610A | 100 | Grid | 218 x 281 mm | 12/cs | Black ■ |
| HS8610B | 200 | Grid | 218 x 281 mm | 12/cs | Blue ■ |
| HS8610D | 200 | Lined | 218 x 281 mm | 12/cs | Red ■ |



Time Tracker®

Makes it easy to monitor your process from a distance

Designed like a traffic signal so the meaning of each light is intuitive — **green** means less than half done; **yellow** means more than half done, and **red** means finished.

- Programmable time
- Six different audible alerts.
- LCD display with 8 mm high characters, 10 characters across
- Operates on 110 VAC adapter (included)

| Part No. | L x W x H |
|----------------|--------------------|
| HS24651 | 112 x 118 x 230 mm |

Time Tracker® Mini

Based on the Original Time Tracker, the Mini is an economical option intended for easy use

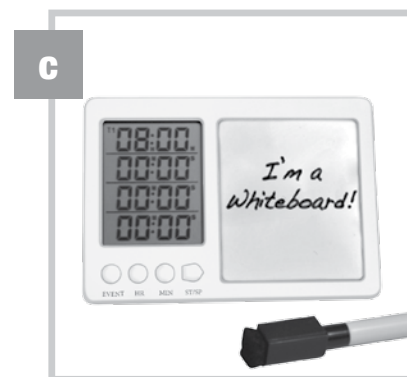
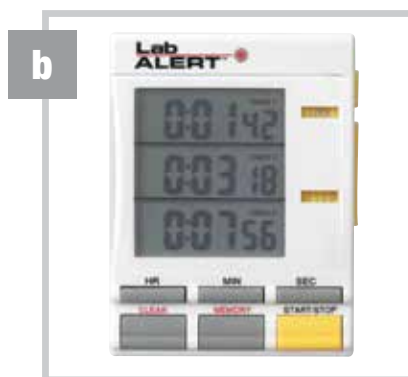
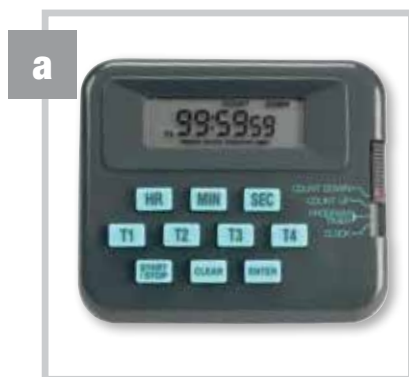
Visual indicator features lighted dome — **green** light during count down; **yellow** for the designated "warning" time; **red** when time has expired.

- Total alarm time ranges from 5 to 120 minutes in 5-minute increments
- Volume control and audible warning alarm
- Requires 3 AAA batteries, not included

| Part No. | L x W x H |
|----------------|------------------|
| HS24653 | 83 x 83 x 121 mm |



lab alert®



a. Pocket Timer/Stopwatch/Clock

- Four independent timing channels with visual and audible alarms
- Use as a stopwatch, a count up/down timer, or a clock
- Includes spring clip and magnetic back

b. Triple Timer/Clock

- Three channels to count up/down with
- Simultaneous display, time-out, and 60 second audible alarm
- Channels may be started independently or simultaneously
- Timer automatically counts up after counting down to zero
- Memory recall

c. 4-way Timer with Whiteboard/Pen

- Clock feature count up or down to 24 hours 59 minutes
- 4 timer channels
- Stands up or attaches to a magnetic surface (magnets on back of unit)
- Whiteboard and marking pen included
- Sounds when time expires
- Batteries included (2 AAA)

d. Big-digit Dual Timer/Clock

- Display clock and timer simultaneously, or two independent timers
- Use one timer to count up, or use two timers to count down independently
- Audible and visual alarm

e. Multi-function Stopwatch/Clock

- Quick start, quick stop timer features time, split, hourly chime, calendar, alarm
- 100 cm neck cord

f. Four Channel Timer/Clock

- Independently or simultaneously set time on four channels
- Audible and visual alarms signify elapsed time
- Easily toggle between channels and clock with top buttons
- Includes spring clip with magnetic back

| | Part No. | No. of Channels | Timing Capacity | Resolution | Count Direction | Display Digits, H | Clock | Alarm | Battery | L x H x D |
|----------|-----------------|-----------------|-----------------|------------|-----------------|-------------------|-------|-------|---------------|------------------|
| a | HS24490D | Four | 100 hr. | 1/100 sec. | Up/Down | 6 mm | Yes | Yes | One LR44 1.5V | 61 x 71 x 25 mm |
| b | HS24490M | Three | 20 hr. | 1/100 sec. | Down | 10.5 mm | Yes | Yes | One AAA | 86 x 66 x 22 mm |
| c | HS120365 | Four | 24 hr. | 1/100 sec. | Up/Down | 10 mm | Yes | Yes | Two AAA | 123 x 86 x 24 mm |
| d | HS24780 | Two | 24 hr. | 1/100 sec. | Up/Down | 25.5 mm | Yes | Yes | One AAA | 142 x 97 x 20 mm |
| e | HS24645 | One | 60 min. | 1/100 sec. | Up | 8.5 mm | Yes | Yes | One LR44 1.5V | 87 x 78 x 21 mm |
| f | HS24670 | Four | 99 hr. | 1/100 sec. | Down | 14 mm | Yes | Yes | Two LR44 | 73 x 59 x 13 mm |

- A**
- Adapt-a-Rack™ 22
 - Arctic Squares® 31, 67
 - Freezer Rack 62
 - Autoclavable Bags 81
- B**
- Bag Sealers 81
 - Bags 81
 - Autoclavable 81
 - Biohazard 81
 - Baskets 93
 - Bijou Bottle Rack 26, 55
 - Blood Collection Trays 51-52
 - Bottles 78
 - Bottle Carrier 79
 - Bottle Rack 26, 55
- C**
- Carts 53
 - Cell Spreaders 85
 - Centrifuge 5, 6
 - Clamp-ette® 40
 - Clearly Safe® 92
 - Clocks 102
 - Colony Counter 83
 - Conical Centrifuge Tubes 9
 - Container Seal™ 99
 - Cool containers 70
 - Coolers 66, 70
 - Counters 59
 - Cryo
 - Boxes, partitions 29-30, 64-65
 - Cane Sleeves 71
 - Labels 96-97
 - Vials 9, 71
 - Vial Canes 71
 - Vial Holders 17, 66
 - Cube Rack 24
 - Cryostorage Boxes 29, 65
- D**
- Dispenser, Petri Dish 85
 - Dispensing Bin 80, 88-93
 - Diversified Biotech 95-99
 - Drawer Organizers 89
 - Droplet® 52, 54, 87
 - Droplet® Accessories/Inserts 52-53
 - Drying Rack 93
 - Dual Solution® Reservoir 42
 - Dura Seal™ 98
 - Duraport® 55, 77
- E**
- Eco-Smartfunnel™ 79
 - Ecount™ Colony Counter 83
 - Electric Bag Sealers 81
- F**
- Flip & Grip® 40
 - Floating Racks 27
 - Foam Racks 33, 68
 - Foil Dispenser 99
 - Foil Rolls 99
 - Forceps 75
 - Freezer Boxes 29, 32, 34-35, 64-69
 - Carboard Boxes 30, 64
 - True North® Corrugated Boxes 29, 65
 - True North® Thin Film Boxes 29, 65
 - Freezer Racks 61-63
 - Freezer Thermometer 71
 - Funnel 79
- G**
- Glove Box Holder 90-91
 - Grabbit™ Temp Mitts 80
 - Grab Rack™ 26, 59
 - Gusto® Mini-Centrifuge 6
- H**
- Heat Sealer 81
 - Holders
 - Bags 81
 - Gloves 90-91
 - Kimwipes® 88, 91
 - Petridish 85
 - Pipettors 40-41, 88-89
 - Tubes 88-89, 93
- I**
- Ice buckets 70
 - Inoculating needle/Loop/Picks 84
- K**
- Kimwipe® Holder 88, 91
- L**
- Lab Alert® 102
 - Lab Wipe Holder 88, 91
 - Labels Holder 96-98
 - Label Station 98
 - Laboratory Notebooks 101
 - Lead Rings 80
 - Lens Tissue 48
 - Light Box 83
- M**
- MagLab™ Series 88
 - MagRack™ 88
 - MagWipe™ 88
 - MagPette™ 88
 - MagBox™ 88
 - Markers, permanent 83, 98
 - Mega Rack™ 25, 35, 58
 - Microcentrifuge 5, 6
 - Microscope 49
 - Microtube Rack 18, 20
 - Microtube Storage 29-35
 - Mini-Light Box 83
 - Mini-Magnifier 83
 - Mini Bin™ Foil Dispenser 99
- N**
- Notebooks 101
- O**
- One Rack® Test Tube Rack 14-15, 56-57
 - Organizers 51-52, 54, 87-89, 91, 93
 - Orbital Shaker 7
- P**
- Paper Weighing Boats 73
 - Parafilm® 95
 - Parafilm® Dispenser 95
 - Pearl® Pipettes 38
 - Pen 47, 83, 98
 - Permanent Markers 83
 - Petri Dish Dispenser 85
 - Petri Dish Holder 85
 - Petri Seal™ 99
 - Phlebotomy 50
 - Pipette controller 37-39
 - Pipettes 37-39, 43
 - Pipette Filler 43
 - Pipette Holders 40-42, 88-89
 - Racks/Stand Workstation
 - Pipettor Rack 42
 - Pipette Tip Disposal Box 43
 - Pop-Up™ Rack 23
 - Pressure Bulb 43
 - Puzzle Rack 22
- R**
- Rack Selection Guide 10-11
 - Racks - Test Tube 12
 - 5 mL/15 mL/16mm Test Tube Rack 13, 58
 - Cardboard 30, 64
 - Centrifuge Bottle 26, 55
 - Cube Rack 24
 - Floating Racks 27
 - Four Way Rack 24
 - Grab Rack™ 26, 59
 - Mega Rack™ 25, 35, 58
 - Microtube Rack 18, 20
 - One Rack® 14-15
 - One-Well Rack 19
 - PCR® Racks 20-21
 - Peg Racks 17
 - Pop-Up™ Rack 23
 - Refrigerator Racks 33, 68
 - Rota-Rack® 18
 - Rota-Rack® Duo 17
 - Snap-Together 19, 27
 - Three-Way Rack 20
 - TracRack® 13, 35, 69
 - TracRack® Micro 13, 35, 69
 - Universal Rack 23
 - Wire Racks 26, 55
 - Work-2-Store® 16, 32, 66
 - Work-2-Store® Micro 16, 32, 66
 - Razor Blade 79
 - Reagent Reservoirs 42
 - Reservoir 42
 - RF1000™ Pipette Controller 37
 - RF3000® Pipette Controller 39
- S**
- Safety Dispenser 92
 - Sample Storage Trays 54, 87
 - SeaStar® 7
 - Safety Bulb Pipette Filler 43
 - Safety Glasses Dispensers 80
 - Scintillation Vial Rack 26, 55
 - Sealing 95, 98-99
 - Shaker, Orbital 7-8
 - Sharpie® Markers 83, 98
 - Sharps Containers 51, 79
 - Storage 86
 - Storage Bin 88, 93
 - Storage Rack 91-92
 - Storage Tray 54, 87
 - Sprout® Mini-Centrifuge 5
 - Smartboats® 73
 - Smartslicer™ 79
 - Smartspatulas™ 73
 - Spatulas 73, 75
 - Slide
 - Box 45-46, 70
 - Holder 47
 - Mailer 48
 - Racks 46, 63, 92
 - Storage 45-46, 47
 - Tray 47
 - Staining Slide Tray Set 49
 - Stainless Steel
 - Freezer Racks 61-63
 - Cell Spreader 85
 - Bottle Carrier 79
- T**
- Temperature Mitts 80
 - Test Tubes 9, 71
 - Test Tube Baskets 93
 - Thermometer 71
 - Timers 101-102
 - Time Tracker® 101
 - Timer Tracker® Mini 101
 - Tote Max™ Trays 51
 - Tourniquets 59
 - TracRack® 13, 35, 69
 - TracRack® Micro 13, 35, 69
 - Transfer Pipettes 43
 - Transformer Cube Rack 33, 68
 - True North® 60
 - Tubby® Container 93
 - Tubes 9, 71
 - Tube Storage 28-35, 64-69
- U**
- Universal Tube Rack 23
 - Urine
 - Rack 26, 55
 - Storage Tray 54
- V**
- Vacum/Pressure Bulb 43
 - Vials, Cryogenic 9, 71
 - Vortexer 8
- W**
- Wash Bottles 78
 - Weighing Boats 73-74
 - Weighing Dishes 75
 - Weighing Paper 75
 - Wire Drying Rack 93
 - Wire Racks 26, 55
 - Work-2-Store® 16, 32, 66
 - Work-2-Store® Micro 16, 32, 66

| Part No. | Page No. | Part No. | Page No. | Part No. | Page No. | Part No. | Page No. | Part No. | Page No. |
|-----------------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|
| HEACRY-0500 | 96 | HS1002B | 81 | HS120097 | 38 | HS120252 | 78 | HS1421B | 74 |
| HEACRY-1000 | 96 | HS1002C | 81 | HS120098 | 38 | HS120253 | 78 | HS1421C | 74 |
| HEACRY-1000 | 96 | HS10044H | 81 | HS120099 | 38 | HS120254 | 78 | HS1422 | 74 |
| HEACRY-2000 | 96 | HS10050 | 6 | HS120100 | 38 | HS120255 | 78 | HS1423A | 74 |
| HEACRY-2000(x) | 96 | HS10060 | 9 | HS120101 | 38 | HS120256 | 78 | HS1423AA | 74 |
| HEACSEAL-75R | 99 | HS10320 | 81 | HS120102 | 38 | HS120257 | 78 | HS1423B | 74 |
| HEACSEAL-75W | 99 | HS10321 | 81 | HS120103 | 38 | HS120258 | 90 | HS1423BB | 74 |
| HEACSEAL-75Y | 99 | HS10322 | 81 | HS120104 | 38 | HS120259 | 79 | HS1423C | 74 |
| HEACSEAL-XLR | 99 | HS10323 | 81 | HS120105 | 38 | HS120260 | 79 | HS1423CC | 74 |
| HEACSEAL-XLW | 99 | HS1034A | 80 | HS120106 | 38 | HS120261 | 51 | HS1424A | 74 |
| HEACSEAL-XLY | 99 | HS1040A | 80 | HS120107 | 91 | HS120262 | 65 | HS1424AA | 74 |
| HEADS1-150 | 98 | HS1040B | 92 | HS120108 | 59 | HS120263 | 53 | HS1424B | 74 |
| HEADS2-500 | 98 | HS1041 | 80 | HS120109 | 59 | HS120264 | 53 | HS1424C | 74 |
| HEADS4-250 | 98 | HS1042 | 92 | HS120110 | 59 | HS120301 | 5 | HS14251A | 74 |
| HEADS4-500 | 98 | HS120000 | 83 | HS120111 | 59 | HS120312 | 73 | HS14251B | 74 |
| HEADS5-150 | 98 | HS120003 | 73 | HS120112 | 58 | HS120313 | 73 | HS14251C | 74 |
| HEALCRY-1100(x) | 96 | HS120004 | 73 | HS120113 | 58 | HS120314 | 73 | HS14251D | 74 |
| HEALCRY-1200(x) | 96 | HS120005 | 73 | HS120114 | 58 | HS120315 | 73 | HS1425A | 74 |
| HEALCRY-1258(x) | 96 | HS120006 | 73 | HS120115 | 58 | HS120316 | 70 | HS1425AA | 74 |
| HEALCRY-1700(x) | 96 | HS120007 | 73 | HS120116 | 75 | HS120318 | 8 | HS1425B | 74 |
| HEALCRY-2380(x) | 96 | HS120008 | 73 | HS120117 | 75 | HS120356 | 13 | HS1425C | 74 |
| HEAMINI-1700 | 96 | HS120009 | 84 | HS120118 | 75 | HS120357 | 13 | HS1426A | 74 |
| HEAMISL-1000 | 97 | HS120010 | 84 | HS120167 | 13 | HS120361 | 37 | HS1426AA | 74 |
| HEAMISL-1000(x) | 97 | HS120011 | 84 | HS120172 | 87 | HS120362 | 37 | HS1426B | 74 |
| HEAPSEAL-108B | 99 | HS120012 | 84 | HS120177 | 51 | HS120363 | 37 | HS1426C | 74 |
| HEAPSEAL-108C | 99 | HS120013 | 84 | HS120178 | 51 | HS120364 | 37 | HS1427A | 74 |
| HEAPSEAL-108R | 99 | HS120014 | 84 | HS120183 | 16 | HS120365 | 102 | HS1427AA | 74 |
| HEAPSEAL-108W | 99 | HS120018 | 16 | HS120184 | 22 | HS120366 | 29 | HS1427B | 74 |
| HEAPSEAL-108Y | 99 | HS120021 | 51 | HS120185 | 22 | HS120367 | 29 | HS1427C | 74 |
| HEARNBW-1000 | 97 | HS120022 | 51 | HS120186 | 22 | HS120368 | 29 | HS14521A | 75 |
| HEARNBW-1100 | 97 | HS120023 | 51 | HS120187 | 22 | HS120369 | 29 | HS14521B | 75 |
| HEARNBW-2000 | 96 | HS120024 | 51 | HS120188 | 22 | HS120370 | 29 | HS14521C | 75 |
| HEARNBW-2100 | 96 | HS120025 | 51 | HS120189 | 22 | HS120371 | 29 | HS14522 | 75 |
| HEARNBW-2200 | 96 | HS120026 | 40 | HS120190 | 22 | HS120372 | 29 | HS15092D | 83 |
| HEARNBW-2300 | 96 | HS120032 | 34 | HS120191 | 22 | HS120373 | 29 | HS15092ZP | 98 |
| HEARNBW-2400 | 96 | HS120033 | 34 | HS120196 | 47 | HS120375 | 54 | HS15093 | 83 |
| HEARNBW-2500 | 96 | HS120034 | 34 | HS120197 | 47 | HS120376 | 65 | HS15094 | 83 |
| HEARNBW-3000 | 97 | HS120035 | 34 | HS120201 | 34 | HS120377 | 65 | HS15096 | 75 |
| HEARNBW-3100 | 97 | HS120036 | 34 | HS120202 | 34 | HS120378 | 65 | HS15097 | 75 |
| HEARNBW-3200 | 97 | HS120037 | 34 | HS120203 | 34 | HS120379 | 65 | HS15099 | 75 |
| HEARNBW-3300 | 97 | HS120038 | 34 | HS120204 | 34 | HS120380 | 65 | HS15920 | 48 |
| HEASIDE-1000(x) | 96 | HS120039 | 34 | HS120205 | 57 | HS120381 | 65 | HS15941A | 49 |
| HEASPOT-1(x)00 | 97 | HS120040 | 34 | HS120206 | 57 | HS120382 | 65 | HS15941B | 49 |
| HEASPOT-2(x) | 97 | HS120041 | 34 | HS120207 | 57 | HS120383 | 65 | HS15951A | 49 |
| HEASPOT-3000 | 97 | HS120042 | 34 | HS120209 | 8 | HS120384 | 65 | HS15979A | 45 |
| HEASPOT-4000 | 97 | HS120043 | 34 | HS120210 | 8 | HS120385 | 65 | HS15981A | 47 |
| HEASPOT-5000 | 97 | HS120044 | 34 | HS120212 | 8 | HS120386 | 65 | HS15981B | 47 |
| HEAT-SPOTS | 97 | HS120052 | 77 | HS120214 | 8 | HS120387 | 65 | HS15981C | 47 |
| HEATSPOTS-(x) | 97 | HS120056 | 40 | HS120215 | 38 | HS120388 | 65 | HS15982 | 48 |
| HEAT-SPOTS-100 | 97 | HS120057 | 40 | HS120216 | 38 | HS120389 | 65 | HS15983A | 48 |
| HEAT-SPOTS-44 | 97 | HS120070 | 66 | HS120219 | 79 | HS120390 | 65 | HS15983B | 48 |
| HEAT-SPOTS-50 | 97 | HS120071 | 66 | HS120220 | 30 | HS120391 | 65 | HS15983G | 48 |
| HEATSPOTS-50(x) | 97 | HS120072 | 66 | HS120221 | 30 | HS120392 | 65 | HS15986 | 48 |
| HEAT-SPOTS-75 | 97 | HS120073 | 66 | HS120222 | 74 | HS120393 | 65 | HS15988H | 70 |
| HEATS-TNY | 97 | HS120074 | 66 | HS120223 | 74 | HS120394 | 65 | HS159890B | 92 |
| HEATTGP-1000 | 97 | HS120075 | 66 | HS120224 | 74 | HS120395 | 5 | HS15989A | 45 |
| HEATTGP-1050 | 97 | HS120076 | 66 | HS120225 | 74 | HS120396 | 5 | HS15989B | 45 |
| HEATTGP-1050(x) | 97 | HS120077 | 77 | HS120226 | 74 | HS120398 | 15 | HS15989C | 45 |
| HEATTL(x)-1000 | 97 | HS120078 | 77 | HS120227 | 74 | HS120399 | 15 | HS15989E | 45 |
| HEATTLW-1000 | 97 | HS120082 | 93 | HS120241 | 18 | HS120467 | 13 | HS15989M | 45 |
| HEATTLW-2016 | 97 | HS120083 | 93 | HS120242 | 18 | HS1419A | 74 | HS15989P | 45 |
| HEATTLW-2016(x) | 97 | HS120084 | 93 | HS120243 | 18 | HS1419B | 74 | HS15989R | 45 |
| HEATTS(x)-1000 | 97 | HS120085 | 26 | HS120244 | 18 | HS1419C | 74 | HS15990A | 46 |
| HEATTSW-2240 | 97 | HS120086 | 26 | HS120245 | 78 | HS1420A | 74 | HS15990B | 46 |
| HEATTSW-2240(x) | 97 | HS120087 | 26 | HS120246 | 78 | HS1420AA | 74 | HS15990C | 46 |
| HEATT-SWALL | 97 | HS120088 | 26 | HS120247 | 78 | HS1420B | 74 | HS15991A | 46 |
| HEATT-TNY | 97 | HS120089 | 26 | HS120248 | 78 | HS1420BB | 74 | HS15991B | 46 |
| HS1000RFR | 37 | HS120090 | 26 | HS120249 | 78 | HS1420C | 74 | HS15991C | 46 |
| HS1000RFU | 37 | HS120091 | 26 | HS120250 | 78 | HS1420CC | 74 | HS15994A | 45 |
| HS1002A | 81 | HS120092 | 79 | HS120251 | 78 | HS1421A | 74 | HS15994B | 45 |

| Part No. | Page No. | Part No. | Page No. | Part No. | Page No. | Part No. | Page No. | Part No. | Page No. |
|-----------|----------|-----------|----------|-----------|----------|----------|----------|-------------|----------|
| HS15994C | 45 | HS23108 | 26 | HS243071Y | 27 | HS27515D | 15 | HS29025J | 20 |
| HS15994D | 45 | HS23202A | 71 | HS243073B | 27 | HS27551A | 15 | HS29040A | 18 |
| HS15994E | 45 | HS23202N | 71 | HS243073R | 27 | HS27551B | 15 | HS29040B | 18 |
| HS15994F | 45 | HS23205 | 71 | HS243073W | 27 | HS27551C | 15 | HS29041A | 17 |
| HS15994G | 45 | HS23206 | 71 | HS243073Y | 27 | HS27551D | 15 | HS29050A | 24 |
| HS15994M | 45 | HS23210 | 71 | HS243077B | 27 | HS27552A | 15 | HS29060A | 22 |
| HS15994P | 45 | HS23215 | 26 | HS243077R | 27 | HS27552B | 15 | HS3000 | 39 |
| HS15994R | 45 | HS23224 | 26 | HS243077W | 27 | HS27552C | 15 | HS300501 | 39 |
| HS15996A | 45 | HS23229B | 66 | HS243077Y | 27 | HS27552D | 15 | HS300502 | 39 |
| HS15996B | 45 | HS23243A | 93 | HS24311A | 17 | HS28230A | 33 | HS300504 | 39 |
| HS15996C | 45 | HS232461 | 26 | HS24311B | 17 | HS28230B | 33 | HS31210A | 58 |
| HS15998C | 75 | HS23263A | 91 | HS24312A | 17 | HS28270 | 81 | HS31210B | 58 |
| HS1846 | 99 | HS23263B | 91 | HS24312B | 17 | HS28271 | 81 | HS31210C | 58 |
| HS20162A | 40 | HS23271A | 33 | HS24318 | 23 | HS28272 | 81 | HS31210D | 58 |
| HS20162C | 40 | HS23300D | 67 | HS24319 | 23 | HS28280 | 81 | HS31210E | 58 |
| HS20341A | 93 | HS23325A | 67 | HS24320B | 23 | HS2860A | 30 | HS31210H | 58 |
| HS20341B | 93 | HS23381B | 67 | HS24320P | 23 | HS2860B | 30 | HS4010A | 7 |
| HS20341C | 93 | HS23381C | 67 | HS24322A | 25 | HS2860C | 30 | HS4282 | 33 |
| HS20521A | 42 | HS23401 | 89 | HS24322E | 25 | HS2860CB | 30 | HS4283P | 33 |
| HS20521B | 42 | HS23402 | 89 | HS24323A | 25 | HS2860CR | 30 | HS4284A | 21 |
| HS20521C | 42 | HS23403 | 89 | HS24323E | 25 | HS2860CY | 30 | HS4289B | 20 |
| HS20611 | 42 | HS23404 | 89 | HS24330A | 25 | HS2860E | 30 | HS4323 | 9 |
| HS20612 | 42 | HS23411 | 89 | HS24371A | 26 | HS2860F | 30 | HS4323K | 9 |
| HS20612M | 42 | HS23412 | 89 | HS24490D | 102 | HS2860G | 30 | HS4325 | 9 |
| HS20613 | 42 | HS2344A | 20 | HS24490M | 102 | HS2860H | 30 | HS4422 | 9 |
| HS20613C | 41 | HS23452 | 85 | HS24645 | 102 | HS2860M | 30 | HS4423 | 9 |
| HS20613E | 41 | HS234521 | 91 | HS24651 | 101 | HS2860P | 30 | HS4426B | 9 |
| HS20615M | 42 | HS234522 | 91 | HS24653 | 101 | HS2860T | 30 | HS4426R | 9 |
| HS20620 | 41 | HS234523 | 88 | HS24670 | 102 | HS28621 | 63 | HS4427B | 9 |
| HS206203 | 41 | HS234524 | 95 | HS24780 | 102 | HS28622 | 63 | HS4427R | 9 |
| HS206204 | 41 | HS234525B | 95 | HS2538A | 89 | HS28623 | 63 | HS4427S | 9 |
| HS20622A | 43 | HS234525C | 95 | HS27501A | 15 | HS28624 | 62 | HS4428 | 9 |
| HS20622B | 43 | HS234525D | 95 | HS27501B | 15 | HS2862A | 61 | HS4429 | 9 |
| HS20623 | 43 | HS234525R | 95 | HS27501C | 15 | HS2862AB | 61 | HS5000RFFIL | 37 |
| HS2062A | 40 | HS234526A | 95 | HS27501D | 15 | HS2862AC | 61 | HS5000RFRP | 37 |
| HS2062B | 40 | HS234526B | 95 | HS27502A | 15 | HS2862AD | 61 | HS5360A | 59 |
| HS20630B | 43 | HS234526C | 95 | HS27502B | 15 | HS2862AE | 61 | HS5360B | 59 |
| HS20630C | 43 | HS23453 | 93 | HS27502C | 15 | HS2862D | 61 | HS6594 | 59 |
| HS20630D | 43 | HS23455 | 85 | HS27502D | 15 | HS2862DA | 61 | HS81121A | 84 |
| HS20630E | 43 | HS23457 | 90 | HS27503A | 15 | HS2862DB | 61 | HS81121B | 84 |
| HS20631B | 43 | HS23458 | 90 | HS27503B | 15 | HS2862H | 61 | HS81121C | 84 |
| HS20632A | 43 | HS2345A | 21 | HS27503C | 15 | HS2862HA | 61 | HS81121D | 84 |
| HS20632B | 43 | HS2345B | 21 | HS27503D | 15 | HS2862HB | 61 | HS8151 | 85 |
| HS20632C | 43 | HS2345C | 21 | HS27504A | 15 | HS2862HC | 61 | HS8171A | 85 |
| HS206371A | 43 | HS2345D | 21 | HS27504B | 15 | HS2862HD | 61 | HS8171B | 85 |
| HS206371B | 43 | HS2345E | 21 | HS27504C | 15 | HS2862HE | 61 | HS8610A | 101 |
| HS206371C | 43 | HS2345F | 21 | HS27504D | 15 | HS2862K | 61 | HS8610B | 101 |
| HS206372A | 43 | HS23460 | 98 | HS27505A | 15 | HS2862KA | 61 | HS8610D | 101 |
| HS206372B | 43 | HS23461A | 21 | HS27505B | 15 | HS2862KB | 61 | HS86655 | 85 |
| HS206372C | 43 | HS23461B | 21 | HS27505C | 15 | HS2862KC | 61 | HS8881A | 80 |
| HS206373A | 43 | HS23461C | 21 | HS27505D | 15 | HS28630 | 71 | HS8881B | 80 |
| HS206373B | 43 | HS23461D | 21 | HS27511A | 15 | HS2864 | 62 | HS8881C | 80 |
| HS206373C | 43 | HS234631 | 41 | HS27511B | 15 | HS28714K | 70 | HS8881D | 80 |
| HS20721B | 42 | HS234634 | 43 | HS27511C | 15 | HS28721G | 70 | HS8882A | 80 |
| HS20721C | 42 | HS23471A | 90 | HS27511D | 15 | HS28724B | 70 | HS8882B | 80 |
| HS20821A | 42 | HS23471B | 90 | HS27512A | 15 | HS28729R | 70 | HS8882C | 80 |
| HS2132A | 27 | HS23471C | 90 | HS27512B | 15 | HS29022A | 24 | HS8882D | 80 |
| HS2165A | 27 | HS23491A | 90 | HS27512C | 15 | HS29022B | 24 | HS9902 | 47 |
| HS2165B | 27 | HS23500 | 88 | HS27512D | 15 | HS29022C | 24 | HS9903 | 48 |
| HS2165C | 27 | HS23501 | 88 | HS27513A | 15 | HS29022D | 24 | HS9904 | 48 |
| HS2166 | 27 | HS23502 | 88 | HS27513B | 15 | HS29022E | 24 | HS99040A | 47 |
| HS2200A | 52 | HS23503 | 88 | HS27513C | 15 | HS29022F | 24 | HS9913 | 47 |
| HS2200B | 52 | HS23504 | 88 | HS27513D | 15 | HS29022G | 24 | HS9914 | 47 |
| HS2201A | 52 | HS23520A | 99 | HS27514A | 15 | HS29025A | 20 | HS9930 | 47 |
| HS2201B | 52 | HS23534A | 99 | HS27514B | 15 | HS29025B | 20 | | |
| HS2202 | 52 | HS23536A | 99 | HS27514C | 15 | HS29025C | 20 | | |
| HS23051 | 19 | HS24306 | 19 | HS27514D | 15 | HS29025D | 20 | | |
| HS23052 | 19 | HS243071B | 27 | HS27515A | 15 | HS29025E | 20 | | |
| HS23053A | 19 | HS243071R | 27 | HS27515B | 15 | HS29025F | 20 | | |
| HS23072 | 26 | HS243071W | 27 | HS27515C | 15 | HS29025G | 20 | | |

| | LDPE 20°C | HDPE 20°C | PP 20°C | PMP 20°C | PMMP 20°C | PC 20°C | PVC 20°C | PS 20°C |
|-------------------------------|-----------|-----------|---------|----------|-----------|---------|----------|---------|
| Acetaldehyde | G | G | G | G | L | G | U | |
| Acetamide, Sat. | E | E | E | E | U | U | E | |
| Acetic Acid, 50% | E | E | E | N | E | E | G | |
| Acetic Anhydride | U | L | G | E | N | U | U | |
| Acetone | G | U | E | E | N | U | U | |
| Acetonitrile | E | E | L | L | N | U | U | |
| Acrylonitrile | E | E | L | L | N | U | U | |
| Adipic Acid | E | E | E | E | G | E | E | |
| Alanine | E | E | E | E | E | U | U | |
| Allyl Alcohol | E | E | E | N | G | G | G | |
| Aluminum Hydroxide | E | E | E | E | G | L | E | G |
| Aluminum Salts | E | E | E | E | E | E | G | |
| Amino Acids | E | E | E | E | E | E | E | |
| Ammonia | E | E | E | E | G | U | E | G |
| Ammonium Acetate, Sat. | E | E | E | E | E | E | E | |
| Ammonium Glycolate | E | E | E | E | E | G | E | |
| Ammonium Hydroxide, 30% | E | E | E | E | E | U | E | G |
| Ammonium Oxalate | E | E | E | E | E | E | E | |
| Ammonium Salts | E | E | E | E | E | E | G | |
| Amyl Chloride | U | L | U | U | E | U | U | |
| Aniline | E | E | G | G | N | L | U | U |
| Aqua Regia | U | U | U | F | U | U | U | |
| Benzaldehyde | E | G | E | E | F | L | U | U |
| Benzene | U | U | G | N | U | U | U | |
| Benzoic Acid, Sat. | E | E | E | E | E | E | G | |
| Benzyl Acetate | E | E | E | E | N | L | U | U |
| Benzyl Alcohol | U | L | U | N | U | G | U | |
| Bromine | U | L | U | N | L | G | U | |
| Bromobenzene | U | U | U | N | U | U | U | |
| Bromoform | U | U | U | N | U | U | U | |
| Butadiene | U | L | U | U | G | U | L | U |
| Butyl Chloride | U | U | L | N | U | L | U | |
| Butyl Acetate | G | G | G | U | N | U | U | |
| Butyl Alcohol | E | E | E | E | L | G | G | E |
| Butyric Acid | U | L | U | N | L | G | U | |
| Calcium Hydroxide, Conc. | E | E | E | E | G | U | E | G |
| Calcium Hypochlorite, Sat. | E | E | E | E | G | L | G | G |
| Carbazole | E | E | E | N | U | U | U | |
| Carbon Disulfide | U | U | U | F | U | U | U | |
| Carbon Tetrachloride | L | G | G | U | N | U | G | U |
| Cellosolve Acetate | E | E | E | E | G | L | L | U |
| Chlorobenzene | U | U | L | N | U | U | U | |
| Chlorine, 10% (Moist) | G | G | L | E | E | G | E | U |
| Chloroacetic Acid | E | E | E | E | N | L | L | G |
| Chloroform | L | L | U | N | U | U | U | |
| Chromic Acid, 50% | E | E | G | G | F | L | E | L |
| Citric Acid, 10% | E | E | E | E | E | E | G | E |
| Cresol | U | L | G | G | N | U | U | U |
| Cyclohexane | U | L | L | U | N | E | L | U |
| Cyclohexanone | U | L | L | G | N | U | U | U |
| Cyclopentane | U | L | L | L | G | U | L | U |
| Diacetone Alcohol | L | E | E | E | N | U | U | G |
| Diethyl Benzene | U | L | U | U | N | L | U | U |
| Diethyl Ether | U | L | U | U | F | U | L | U |
| Diethyl Ketone | U | U | G | L | N | U | U | U |
| Diethyl Malonate | E | E | E | E | NT | L | G | U |
| Diethylamine | U | L | G | L | G | U | U | G |
| Diethylene Glycol | E | E | E | E | E | G | L | G |
| Diethylene Glycol Ethyl Ether | E | E | E | E | E | L | L | U |
| Dimethyl Acetamide | L | E | E | L | E | U | U | U |
| Dimethyl Formamide | E | E | E | E | N | U | L | U |
| Dimethylsulfoxide | E | E | E | E | NT | U | U | E |
| Dioxane | G | G | G | L | N | U | L | U |
| Dipropylene Glycol | E | E | E | E | E | G | G | E |
| Ether | U | L | U | U | F | U | L | U |
| Ethyl Acetate | E | E | E | L | N | U | U | U |
| Ethyl Alcohol (Absolute) | E | E | E | E | G | E | E | L |

| | LDPE 20°C | HDPE 20°C | PP 20°C | PMP 20°C | PMMP 20°C | PC 20°C | PVC 20°C | PS 20°C |
|-------------------------------|-----------|-----------|---------|----------|-----------|---------|----------|---------|
| Ethyl Benzene | U | U | U | N | U | U | U | U |
| Ethyl Benzoate | L | G | G | G | N | U | U | U |
| Ethyl Butyrate | G | G | G | L | N | U | U | U |
| Ethyl Chloride, Liquid | L | L | L | L | N | U | U | U |
| Ethyl Cyanoacetate | E | E | E | E | N | L | L | G |
| Ethyl Lactate | E | E | E | E | F | L | L | L |
| Ethylene Chloride | G | G | L | U | N | U | U | U |
| Ethylene Glycol | E | E | E | E | E | G | E | E |
| Ethylene Glycol Methyl Ether | E | E | E | E | E | L | L | U |
| Ethylene Oxide | L | G | L | L | E | L | L | U |
| Fatty Acids | E | E | E | E | E | G | E | E |
| Fluorides | E | E | E | E | N | E | E | G |
| Fluorine | L | G | L | L | N | G | E | U |
| Formaldehyde, 40% | E | E | E | E | E | E | G | U |
| Formic Acid, 98-100% | E | E | E | E | N | L | L | L |
| Freon TF | E | E | E | L | G | G | G | L |
| Fuel Oil | L | G | E | G | G | E | E | U |
| Gasoline | L | G | G | G | G | L | G | U |
| Glutaraldehyde (Disinfectant) | E | E | E | L | G | E | E | E |
| Glycerine | E | E | E | E | E | E | E | E |
| Hexane | U | G | G | L | E | L | G | U |
| Hydrazine | U | U | U | N | U | U | U | U |
| Hydrochloric Acid, 35% | E | E | E | E | E | U | G | L |
| Hydrofluoric Acid, 48% | E | E | E | E | U | U | G | U |
| Hydrogen Peroxide, 90% | E | E | E | E | N | E | E | E |
| Iodine Crystals | U | U | L | G | N | U | U | U |
| Isobutyl Alcohol | E | E | E | E | F | E | E | G |
| Isopropyl Acetate | G | E | G | G | N | U | U | U |
| Isopropyl Alcohol | E | E | E | E | F | E | E | E |
| Isopropyl Benzene | L | G | L | U | N | U | U | U |
| Isopropyl Ether | U | U | U | U | F | U | U | U |
| Jet Fuel | L | L | L | L | G | U | E | G |
| Kerosene | L | G | G | G | G | E | E | U |
| Lacquer Thinner | U | L | L | L | N | U | U | U |
| Lactic Acid, 85% | E | E | E | E | E | E | G | G |
| Mercury | E | E | E | E | E | U | E | E |
| Methoxyethyl Oleate | E | E | E | E | E | L | U | U |
| Methyl Acetate | L | L | G | E | N | U | U | U |
| Methyl Alcohol | E | E | E | E | F | G | E | L |
| Methyl Ethyl Ketone | U | U | E | U | N | U | U | U |
| Methyl Isobutyl Ketone | U | U | G | L | N | U | U | U |
| Methyl Propyl Ketone | G | E | G | L | N | U | U | U |
| Methyl-t-butyl Ether | U | L | L | E | G | U | U | U |
| Methylene Chloride | L | L | L | L | N | U | U | U |
| Mineral Oil | G | E | E | E | E | E | E | E |
| Mineral Spirits | L | L | L | E | F | U | G | L |
| Nitric Acid, 1-10% | E | E | E | E | E | E | E | G |
| Nitric Acid, 50% | G | G | L | L | G | G | G | U |
| Nitric Acid, 70% | L | G | U | L | F | U | L | U |
| Nitrobenzene | U | L | U | U | N | U | U | U |
| Nitromethane | U | L | L | E | N | U | U | U |
| n-Octane | E | E | E | E | E | G | L | U |
| Ozone | E | E | E | E | E | E | E | L |
| Perchloric Acid | G | G | G | G | N | U | G | G |
| Perchloroethylene | U | U | U | U | F | U | U | U |
| Phenol, Liquid | U | U | U | U | N | U | U | U |
| Phosphoric Acid, 85% | E | E | E | E | F | E | E | E |
| Picric Acid | U | U | U | E | N | U | U | G |
| Pine Oil | G | E | E | G | E | G | L | U |
| Potassium Hydroxide, Conc. | E | E | E | E | E | U | E | G |
| Propane Gas | U | L | U | U | E | L | E | U |
| Propionic Acid | L | E | E | E | N | U | G | G |
| Propylene Glycol | E | E | E | E | E | G | L | E |
| Propylene Oxide | E | E | E | E | N | G | L | U |
| Resorcinol, Sat. | E | E | E | E | N | G | L | G |
| Salicylaldehyde | E | E | E | E | E | G | L | U |
| Salicylic Acid, Sat. | E | E | E | E | F | E | G | E |

| | LDPE 20°C | HDPE 20°C | PP 20°C | PMP 20°C | PMMP 20°C | PC 20°C | PVC 20°C | PS 20°C |
|------------------------------|-----------|-----------|---------|----------|-----------|---------|----------|---------|
| Sodium Acetate, Sat. | E | E | E | E | E | E | G | G |
| Sodium Hydroxide, 1% | E | G | E | E | E | E | E | G |
| Sodium Hydroxide, 50% To Sat | G | G | E | E | E | U | U | E |
| Sodium Hydrochlorite, 15% | E | E | G | E | E | E | G | E |
| Stearic Acid, Crystals | E | E | E | E | E | E | E | E |
| Sulfuric Acid, 60% | E | E | E | E | E | G | E | G |
| Sulfuric Acid, 98% | G | G | L | G | N | U | G | U |
| Sulfur Dioxide, Liquid | U | U | U | N | G | L | U | |
| Sulfur Salts | L | G | L | L | G | L | U | U |
| Tartaric Acid | E | E | E | E | E | E | E | G |
| Tetrahydrofuran | L | G | G | L | N | U | U | U |
| Thionyl Chloride | U | U | U | N | U | U | U | U |
| Toluene | L | L | L | L | N | L | U | U |
| Tributyl Citrate | G | E | G | G | F | U | L | U |
| Trichloroacetic Acid | L | L | L | E | N | L | L | L |
| Trichloroethane | U | L | U | U | N | U | U | U |
| Trichloroethylene | U | L | U | U | N | U | U | U |
| Tris Buffer, Solution | E | E | E | E | E | G | G | G |
| Turpentine | L | G | G | L | F | L | G | U |
| Undecyl Alcohol | E | E | E | E | N | G | E | G |
| Urea | E | E | E | E | E | G | G | E |
| Vinylidene Chloride | U | L | U | U | N | U | U | U |
| Xylene | G | L | L | L | N | U | U | U |
| Zinc Stearate | E | E | E | E | E | E | E | E |

| | | |
|-------------|-------------|---------------------------|
| Resin Codes | LDPE | Low-density Polyethylene |
| | HDPE | High-density Polyethylene |
| | PP | Polypropylene |
| | PMP | Polymethylpentene |
| | PMMA | Acrylic |
| | PC | Polycarbonate |
| | PVC | Polyvinyl chloride |
| PS | Polystyrene | |

| | | |
|--------------|-----------|----------------|
| Letter Codes | E | Excellent |
| | NT | Not Tested |
| | G | Good |
| | U | Unsatisfactory |
| | L | Limited |

Chemical Resistance: This chemical resistance chart is a **general guide only**. Because of the variety of factors that can affect the chemical resistance of a plastic product, it is recommended that the user tests under expected use conditions. Chemicals may affect the strength, appearance, color, dimensions, flexibility or weight of plastics. Variable factors like temperature, pressure, chemical concentration, length of exposure, and combinations of chemical reagents can affect the chemical resistance of plasticware. As temperatures increase, resistance to chemical attack decreases. Environmental stress cracking differs from chemical attack and is caused by the combined factors of tensile stress, the inherent susceptibility of the plastic to stress crack and stress-cracking agents. Such agents as detergents, lubricants, plating additives and brighteners and surface-active agents, even in small concentrations, may cause cracking.

Resin Characteristics

| Material | | Brittleness Temp. °C | Max. Use Temp. °C | Melting Point Range °C | Transparency | Specific Gravity | Flexibility |
|-------------|---------------------------|----------------------|-------------------|------------------------|--------------|------------------|-------------|
| HDPE | High Density Polyethylene | -100°C | 120°C | 125 — 138°C | Translucent | 0.95 | Rigid |
| LDPE | Low Density Polyethylene | -100°C | 80°C | 85 — 125°C | Translucent | 0.92 | Excellent |
| PC | Polycarbonate | -100°C | 135°C | | Transparent | 1.20 | Rigid |
| PMMA | Polymethyl Methacrylate | -20°C | 85°C | 85 — 105°C | Transparent | 1.19 | Rigid |
| PMP | Polymethylpentene | 0°C | 120°C | 235°C | Transparent | 0.835 | Rigid |
| PP | Polypropylene | 0°C | 135°C | 160 — 176°C | Translucent | 0.9 | Rigid |
| PS | Polystyrene | +20°C | 90°C | | Transparent | 1.05 | Rigid |

Sterilization Chart

| Material | | Sterilization Method | | | | |
|-------------|---------------------------|----------------------|---------|----------|-----------|--------------|
| | | Autoclavable | Eto Gas | Dry Heat | Radiation | Dishfectants |
| HDPE | High Density Polyethylene | ✗ | ✓ | ✗ | ✓ | ✓ |
| LDPE | Low Density Polyethylene | ✗ | ✓ | ✗ | ✓ | ✓ |
| PC | Polycarbonate | ✓ | ✓ | ✗ | ✓ | Some |
| PMMA | Polymethyl Methacrylate | ✗ | ✗ | ✗ | ✓ | Some |
| PMP | Polymethylpentene | ✓ | ✓ | ✓ | ✓ | ✓ |
| PP | Polypropylene | ✓ | ✓ | ✗ | ✗ | ✓ |
| PS | Polystyrene | ✗ | ✓ | ✗ | ✓ | Some |

No ✗
Yes ✓

Note: Observe the tolerated temperature ranges of plastic when autoclaving laboratory plasticware. Remove any stoppers, fittings or caps from the plasticware prior to autoclaving. Plastic vessels should be autoclaved separately from their closures and other fittings. Autoclaving vessels with their closures in place can lead to deformation and destruction of the vessels. All statements are advisory only and imply no liability on the part of Heathrow Scientific. All statements relating to the resistances of laboratory plasticware to high temperatures, chemicals and to sterilization are based on statements from raw material manufacturers.

PERIODIC TABLE OF THE ELEMENTS

| <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>H HYDROGEN 1.008</p> </div> <div style="width: 15%;"> <p>Li LITHIUM 6.941</p> </div> <div style="width: 15%;"> <p>Be BERYLLIUM 9.012</p> </div> <div style="width: 15%;"> <p>Na SODIUM 22.990</p> </div> <div style="width: 15%;"> <p>Mg MAGNESIUM 24.305</p> </div> <div style="width: 15%;"> <p>K POTASSIUM 39.098</p> </div> <div style="width: 15%;"> <p>Ca CALCIUM 40.078</p> </div> <div style="width: 15%;"> <p>Rb RUBIDIUM 85.468</p> </div> <div style="width: 15%;"> <p>Sr STRONTIUM 87.62</p> </div> <div style="width: 15%;"> <p>Cs CAESIUM 132.905</p> </div> <div style="width: 15%;"> <p>Fr FRANCIUM 223</p> </div> </div> <div style="width: 15%;"> <p>He HELIUM 4.0026</p> </div> <div style="width: 15%;"> <p>Ne NEON 20.1797</p> </div> <div style="width: 15%;"> <p>Ar ARGON 39.948</p> </div> <div style="width: 15%;"> <p>Kr KRYPTON 83.798</p> </div> <div style="width: 15%;"> <p>Xe XENON 131.29</p> </div> <div style="width: 15%;"> <p>Rn RADON 222</p> </div> | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

■ Non-metal ■ Metal ■ Noble gas
■ Alkali metal ■ Metalloid ■ Lanthanide
■ Alkaline earth metal ■ Halogen ■ Actinide
■ Transition metal



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