Алматы (7273)495-231 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещеск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владикавказ (8672)28-90-48 Владимир (4922)49-43-18 Волагоград (844)278-03-48 Вологград (844)278-03-48 Воролеж (473)204-51-73 Екатеринбург (343)384-55-89 Иваново (4932)77-34-06 Ижевск (3412)26-03-58 Иркутск (395)279-98-46 Казань (843)206-01-48 Калининград (4012)72-03-81 Калуга (4842)92-23-67 Кемерово (3842)65-04-62 Киров (8332)68-02-04 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодар (861)203-40-90 Краснодар (861)203-40-90 Краснодарск (391)204-63-61 Курск (4712)77-13-04 Курган (3522)50-90-47 Липецк (4742)52-20-81 Магнитогорск (3519)55-03-13 Москва (495)268-04-70 Мурманск (8152)59-64-93 Набережные Челны (8552)20-53-41 Нижний Новгород (831)429-08-12 Новокузнецк (3843)20-46-81 Ноябрьск (3496)41-32-12 Новосибирск (383)227-86-73 Омск (3812)21-46-40 Орел (4862)44-53-42 Оренбург (3532)37-68-04 Пенза (8412)22-31-16 Петрозаводск (8142)55-98-37 Псков (8112)59-10-37 Пермь (342)205-81-47 Ростов-на-Дону (863)308-18-15 Рязань (4912)46-61-64 Самара (846)206-03-16 Саранск (8342)22-96-24 Санкт-Петербург (812)309-46-40 Саратов (845)249-38-78 Севастополь (8692)22-31-93 Симферополь (3652)67-13-56 Смоленск (4812)29-41-54 Сочи (862)225-72-31 Ставрополь (8652)20-65-13 Сургут (3462)77-98-35 Сыктывкар (8212)25-95-17 Тамбов (4752)50-40-97 Тверь (4822)63-31-35 Тольятти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Улан-Удэ (3012)59-97-51 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Чита (3022)38-34-83 Якутск (4112)23-90-97 Ярославль (4852)69-52-93

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Каталог продукции

компании Heathrow

Laboratory Equipment

High-quality equipment and instruments for a vast range of protocols



Centrifuges & Stirrers Mixers & Shakers Sampling & Testing Instruments

It is our objective to exceed customer expectations in service and product quality

Our strict standards include **3rd party plant reviews** and **100% multi-level product inspections.** These actions result in a 99.7% reliability on our equipment and 99.99% reliability on our laboratory supplies. We offer an industry leading **FIVE-YEAR** limited warranty for our Benchtop Laboratory Equipment Product line.







Intuitive One-Dial Programming

- Set speed and time with ease:
- Adjustable speed from 500 to 12,500 rpm
- Speed setting for RPM or RCF
- Adjustable time from 30 seconds to 60 minutes

Safe to Use

- Safety features help ensure it will not operate when the lid is open, a rotor is jammed, or the unit is out of balance

| Item No. | Color | L x W x H in | L x W x H cm |
|-----------|---|------------------------|------------------|
| 120581 | Grey/Purple 🔳 🗖 | — 9.2 x 7.3 x 4.7 | 23.5 x 18.5 x 12 |
| 120582 | Grey/Blue | 9.2 X 7.3 X 4.7 | 23.3 X 10.3 X 12 |
| | | | |
| Replaceme | ent parts | nt parts | |
| 120622 | MagFuge® Rotor, 12 x 1.5/2.0 mL tube | | |
| 120623 | MagFuge® Rotor, 6 x 5.0 mL tube | | |
| 120624 | MagFuge [®] Stirrer Rotor | MagFuge® Stirrer Rotor | |
| 120682 | MagFuge [®] Silicone Mat | MagFuge® Silicone Mat | |
| 120527 | Power Adapter | | |
| 120015 | Tube Adapters, 0.2 mL, 0.5 mL, Pack of 12 (6 ea.) | | |
| HS100502 | Universal Power Cord Set | | |

Patent Information

Community Design No. 003515337-0001-0002 Euro. Pat. App. 3 246 088 US Design Patent No. D814,045 US Patent No. 10471439

- Set stir mode, speed and time with easy one-dial programming:
- Select Mode: clockwise, c. clockwise and oscillate
- Adjustable speed from 50 to 2,500 rpm
- Continuous and adjustable time settings from 30 seconds to _ 60 minutes

Durable Accessories Included

- Re-usable, easy to clean silicone mats included to keep vessel stable and prevent spills and two NdFeB stir bars (40 x 12 mm) with chemical resistant PTFE coating included

| Package Includes | | | |
|---------------------------|--|---|--|
| Centrifuge/Stirrer | Stirrer Rotor | 12 Tube Adapters 0.2 mL & 0.5 mL | |
| 5.0 mL Tube Rotor | 2 Stir Bars, 35 m | 2 Stir Bars, 35 mm x 12 mm, cylindrical shape | |
| 1.5/2.0 mL Tube Ro | tor 2 Silicone Mats f | 2 Silicone Mats for Stirrer Lid | |
| 1 Low Voltage, Doub | ole Insulated Power Adapt | er (100-240 VAC, 50/60 Hz) with 4 | |
| Interchangeable Plu | Interchangeable Plugs | | |
| Specifications: Ce | ntrifuge | | |
| Speed Range | 500 – 999 rpm (increme 5,000 – 12,500 rpm (inc | ents of 1); 1,000 – 5,000 rpm (increments of 5); crements of 25) | |
| RCF | 16 – 9,783 x g (max RCF | calculated) | |
| Run Time Ranges | 30 seconds – 60 minutes (5 second increments) | | |
| Specifications: Ma | lagnetic Stirrer | | |
| Speed Range | 50 – 999 rpm (increments of 1); 1,000 – 2,500 rpm (increments of 5) | | |
| Run Time Range | Run Time Range Stirrer Mode 30 seconds to 60 minutes or continue (5 second increments) | | |
| | Oscillating Stirrer Mode | 1 second – 60 minutes or continuous | |
| | Oscillating Period | 30 seconds – 15 minutes | |
| Capacity | 3 L plus, Diameter of vessel not to exceed 130 mm | | |

7



Quick-spin Button for momentary spin requirements, press and hold to

operate, release to end spin cycle

arran

Back-lit Display showing time, speed and operational information on the same screen



Gusto® High-Speed Mini Centrifuge

Maximum speed with minimal space

27.27

This compact centrifuge is ideal for protocols calling for fast spins with a higher RCF requirement

Made of durable ABS with UV-Resistant coating

User Friendly

- Intuitive Push button programming and bright LCD screen make it easy to use

Quiet Operation

- Brush-less motor enables quiet operation and low vibration

Safety Features

- Lid safety feature prevents opening while rotor is turning and clear polycarbonate allows user to see rotor movement for added visual safety
- Includes automatic shut-off feature for sample imbalance and tilt

| ltem No. | Color | L x W x H in | L x W x H cm |
|-----------|--|-----------------|--------------------|
| HS10050 | Blue 📕 | 8 x 6.7 x 4.5 | 20.3 x 17.1 x 11.4 |
| Replaceme | nt parts | | |
| HS100502 | Universal Power Cord Set | | |
| HS100503 | Gusto® Rotor 12 x 1.5/2.0 mL Tube (with Cover and Knob) | | |
| HS100504 | Gusto® Rotor 4 x 8 Strip 0.2 mL Tube (with Knob) | | |
| 120015 | Tube Adapters, 0.2, 0.5 mL, Pack of 12 (6 ea.) | | |
| HS100506 | Gusto® Rotor Cover (for 12 x 1.5/2.0 mL Tube Rotor Only) | | |
| 120527 | Power Adapter | | |

| RCF | 15 - 9,783 x g (max RCF calculated) |
|-----------------|-------------------------------------|
| Run Time Ranges | 1 to 30 minutes |
| Speed Range | 500–12,500 rpm |
| Specifications | |

| Package Includes | | |
|---|--|--|
| Gusto [®] 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 | | |
| 1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs | | |
| | | |



Sprout[®] Plus Mini Centrifuge

Mini but Mighty - ideal for small runs

Easy to Use

Tool-free SnapSpin rotors and quick-spin options make the _ centrifuges fast and easy to use

Ergonomic Design

- The lid was functionally designed to fit in the palm of the _ hand for one handed lock and unlock allowing for quick tube extraction
- Large lid size accommodates longer and skirted tubes and tall tube lids
- The housing is made from ABS plastic and lid is polycarbonate plastic enabling the unit to be easily cleaned

Safety Measures

Sprout[®] Plus Item No.

120610

120611

HS100012

120148

120491 120015

- Fitted with a braking function, the unit quickly stops spinning when powered off or when lid is opened
- A weighted, rubberized base eliminates potential movement and dampens vibration and noise

Color

Green

Blue



Specifications

Speed Range

RCF

LxWxH

6 x 5 x 4.3

in

| | Package Includes |
|----------------------------------|--|
| Approx. 6,000 rpm (fully loaded) | Sprout [®] Plus Mini Centrifuge |
| 2,000 x g | 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 |
| cm | 6 Tube Adapters 0.5 mL |
| 15.3 x 12.8 x 10.9 | 4 Lid O-Rings |
| | Storage Case for Rotors and Adapters |
| | Tube Rack |
| | 1 Low Voltage, Double Insulated Power Adapter (100- 240 VAC, 50/60 Hz) with 4 Interchangeable Plugs |

Accessory Kit Included

Need tubes?

Replacement parts HS100011

See our portfolio of 0.2 mL, 0.5 mL, 1.5 mL Microcentrifuge Tubes

Sprout® Plus Rotor SnapSpin 6 x 1.5/2.0 mL Tube

Tube Adapters, 0.2 mL, 0.5 mL, Pack of 12 (6 ea.)

Sprout® Plus Rotor SnapSpin 2 x 8 Strip, 0.2 mL

Sprout® Plus Lid O-Ring, Pack of 10 Sprout[®] Plus Power Adapter



9

Specially Designed Inserts seat the centrifuge, all its accessories, and includes a tube rack



Portable Centrifuge Kit

Spin samples on-the-go

The Portable Centrifuge Kit offers a convenient way to spin down and prepare samples outside of a conventional laboratory environment

Immediate Field Processing

- Process samples in remote areas before deterioration can take place
- Allows for immediate on-site testing for faster results
- Made of durable ABS plastic for easy clean in field environments

Easy to Use

Itom

- Centrifuge is equipped with tool-less SnapSpin rotors for easy change out
- Simple operation with lock/unlock activation

Portable Convenience

- All items in kit are housed in a handled DuraPorter[®] Transport Box for portability
- The handled box has an air-tight seal for optimal sample protection

See page 36 to learn more about the DuraPorter® Transport Box

| ILCIII NO. | |
|------------|--|
| 120568 | Portable Centrifugation Kit, 100-240 VAC, 50/60Hz Universal Plug + 12V Car Adapter |
| 120569 | Portable Centrifuge Transport Case with Inserts - Only |
| 120570 | 12V Sprout [®] Plus Centrifuge Car Adapter* |
| | *Adapter can be used with Sprout® Plus Mini Centrifuge |



12-Volt Car Adapter

for on-the-go testing

Package Includes

| ę | Sprout® Plus 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 Lid 0-Rings | |
| _ | Storage Case for Rotors and Adapters | |
| | Tube Rack | |
| | 1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs | |
| _ | | |
| [| DuraPorter® Transport Box | |
| | Tube Rack Insert | |
| (12-Place 1.5/2.0 mL, 14-Place 0.2 mL) Transport Box Dividers | | |
| | | Sprout [®] Plus Cradle |
| P | ortable 12V Sprout® Plus Centrifuge Car Adapter | |

See page 8 for functional details on the Sprout® Plus

Magnetic Induction Stirrer

Strong, motor-less and maintenance free

Superior Functional Design

- Advanced magnetic coil technology drives the spinning of the stir bar maintaining continuous, constant speed for reproducible results
- Magnetic coupling is optimized by using alternating current (AC) as its driving force strong enough to stir viscous solutions
- Motor-less operation generates minimal heat ideal for stirring temperature sensitive samples and environments for long periods
- With no moving parts, produces less vibration and quieter operation over traditional magnetic stirrers

Intuitive Operation

- Multiple stirring modes are easy to program
- Bright digital display precisely controls time and speed
- Quickly meets stirring speeds with rapid acceleration and braking (less than 10 seconds)



| Item No. | Color | L x W x H in | L x W x H cm | |
|----------|-------------|-----------------|-------------------|--|
| 120584 | Grey/Purple | 9.7 x 7.7 x 3 | 24.5 x 19.5 x 7.5 | |
| 120585 | Grey/Blue | 9.7 X 7.7 X 3 | 24.3 X 19.3 X 7.3 | |
| | | | | |

| Replacement parts | | |
|-------------------|--------|------------------------------------|
| | 120738 | MI Stirrer Silicone Mat |
| | 120739 | MI Stirrer Universal Power Adapter |

5 Year Warranty

Protective silicone anti-skid plate cover for improved safety





Durable ABS housing is corrosion resistant and easy to clean

| Specifications | | |
|----------------|--|--|
| Speed Range | 50–2,000 rpm variable, 1 rpm increments | |
| Run Time Range | 30 seconds to 60 minutes, variable, 1 second increments or continuous Single clockwise Single counter clockwise | |
| Stirrer Modes | | |
| | | |
| | Auto reverse rotation 1 to 99 cycles 50% duty | |
| Capacity | 3 L plus | |
| Mixing Surface | 165 mm diameter, silicone mat 160 mm diameter | |



| Package Includes | |
|---|--|
| Rare Earth, NdFeB Magnetic Induction Stirrer | |
| 2 Stir Bars 35 mm x 12 mm Cylindrical Shape | |
| 1 Silicone Anti-Skid Plate Cover | |
| 1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs | |



Mini Magnetic Stirrer

Affordable solution, ultimate function

The Mini Magnetic Stirrer is an affordable, dependable solution ideal for general research, academic, life sciences, industrial and clinical lab settings

Durable Design

Ultimate Function

- Constructed of chemical resistant ABS and PC blend
- Compact footprint saves valuable space on benchtop
- Lightweight for easy transport
- Powerful magnetic coupling ensures accurate alignment, reducing spin-outs during acceleration or deceleration
- Performs routine stirring applications with low vibration and quiet operation



Specifications

Speed Range 200–2,200 rpm (Infinitely adjustable)

Capacity Up to 3 L

Package Includes

٠



| | | | U.S.and E.U. Utility Patent Pending U.S. Design Patent No. D814,045 |
|----------|-----------------|------------------|--|
| Item No. | Color | L x W x H in | L x W x H cm |
| 120155 | Grey/Purple 🔳 🗖 | 7.2 x 5.2 x 1.85 | 18.3 x 13.2 x 4.7 |
| 120595 | Grey/Blue | 7.2 X 3.2 X 1.03 | 10.3 X 13.2 X 4.7 |

| | Mini Magnetic Stirrer |
|---|--|
| _ | 2 Stir Bars 35 mm x 9 mm, Octagonal Shape |
| | 1 Low Voltage, Double Insulated Power Adapter |
| | (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs |

| періасеніені г | ייידי איז איז איז איז איז איז איז איז איז אי | | |
|----------------|--|--|--|
| 120815 | Mini Stirrer Universal Power Adapter | | |



Stir Bars & Stir Bar Retriever

- Magnetic bar is made from ALNICO, one of the strongest permanent magnets available
- The sintered manufacturing process reduces the chance of decoupling (spin outs), encapsulation in PTFE protects both magnet and what it is stirring
- Chemically inert and easy to clean
- Can withstand temperatures up to 250°C, making them suitable for use with both unheated and heated stirrers
- Low friction octagon shape with a center pivot ring helps create a strong mixing vortex, even with more viscous solutions
- The retrieval bar can recover stir bars even in hot solutions when stirring and mixing is no longer required

| Stir Bars | | Pack of 10 |
|-----------|------------|---------------------|
| Item No. | L x W (in) | L x W (<i>mm</i>) |
| 120547 | 0.4 x 0.2 | 10 x 5 |
| 120548 | 0.8 x 0.3 | 20 x 8 |
| 120549 | 1 x 0.3 | 25 x 8 |
| 120550 | 1.1 x 0.3 | 28 x 8 |
| 120551 | 1.2 x 0.3 | 30 x 8 |
| 120552 | 1.4 x 0.4 | 35 x 9 |

| Stir Bar Retri | tir Bar Retriever Pack of 5 | |
|----------------|-----------------------------|---------------|
| Item No. | L (in) | L (cm) |
| 120553 | 11.8 | 30 |





Octagonal Shape

Lab Mats

Two Lab Mat options to keep your workstation safe, quiet, clean and organized



Lab Mats, Page 25



Vortexer

Multi-purpose, maximum convenience

Innovative Design

- One mixing head does it all with this sleek, modern and compact designed vortex mixer
- Hold slot configurations for multiple sizes of tubes, vessels and assay plates
- Center pad for quick hand-held mixing

Easy to Use

Item No.

120209

- Control switch with three operation selections (intermittent, off, continuous)
- Variable Speed Rotary Dial provides pre-set speed control selection during shaking mode

Durable Construction

- ABS material resist most commonly used chemicals and is easy to clean
- Stable elastomer feet dampen vibration and prevent movement during operation

Center pad area for



hand held mixing

5 mL tubes x 2 (horizontally mounted in the same retention space as 15 mL)



Assay plate x 1 (to be used with retention cords)



0.5 mL microfuge tubes x 6 (vertically mounted)



rds) 25 mL, 50 mL conical tubes x 2 (horizontally mounted)



0.2 mL microfuge tubes (strip tubes) x 24 (vertically mounted)

US Design Patent No. D787,085 US Utility Patent No. 9895670



1.5/2.0 mL microfuge tubes x 4 (vertically mounted)



| 120212 | Infinity Dial | 220-240 VAC, 50 Hz, 44 W, CE | $\langle \cdot \cdot \rangle$ | 6.7 x 7.5 x 7.8 | 17.1 x 19 x 19.7 |
|--------|---------------|---|-------------------------------|-------------------|-------------------|
| 120214 | Infinity Dial | 220-240 VAC, 50 Hz, 44 W, UK | <u>_</u> | (with mixing head | (with mixing head |
| 120210 | Preset Dial | 220-240 VAC, 50 Hz, 44 W, AUS | \odot | in place) | in place) |
| 120318 | Preset Dial | 100-110 VAC, 50/60 Hz, 66 W(PSE), Japar | | - | |

| Replacem | Replacement parts | | Replacement parts | | |
|----------|--------------------------------|--------|------------------------|-------------------------------|--|
| 120327 | Vortexer Multi-Head | 120333 | 220-240 VAC AUS Cord | \odot | |
| 120328 | Vortexer Central Pad, 3 pk | 120332 | 220-240 VAC CE Cord | $\langle \cdot \cdot \rangle$ | |
| 120422 | Vortexer Retention Cords, 3 pk | 120331 | 220-240 VAC UK Cord | <u>_</u> | |
| 120329 | 100-120 VAC US Cord [] | 120330 | 100-110 VAC Japan Cord | 11 | |
| 120025 | 100 120 110 00 0010 | 120000 | | | |

| Specifications: | | | | |
|-----------------|--|--|--|--|
| Speed Range | Approx. 1,000; 2,000; 3,000 rpm | | | |
| Orbit | 3.7 mm | | | |
| Control | 3 Position Control — (top) intermittent, (middle) off, (bottom) continuous | | | |



Models 120209, 120212, 120214



Mini Vortexer

Small footprint with maximum power

Simple, touch start operation offers exceptional mixing performance with one hand

Robust Design

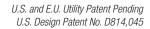
- Low profile design and small footprint saves valuable space
- Made of ABS and silicone materials that resist most commonly used chemicals
- Stable platform and elastomer feet ensure unit stays stable during operation

Powerful Function

R

- Rapid vortex action with low activation force
- Quiet operation and low vibration





| Item No. | Color | L x W x H in | L x W x H cm |
|----------|-------------|-----------------|-----------------|
| 120567 | Grey/Purple | | |
| 120598 | Grey/Blue | 5.1 x 4.3 x 3 | 13 x 11 x 7.5 |
| 120827 | Black/Black | | |

| Specifications | |
|----------------|------------------|
| Speed | 4,500 rpm |
| Orbit | 6 mm |
| Capacity | Up to 50 mL tube |

| (| C | E | SGS | V | RoHS Compliant | CA |
|---|---|---|-----|---|-------------------|----|
| | | | | | | |

Package Includes

Mini Vortexer

2 Silicone Caps

1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs () $\blacksquare \qquad \bullet \bullet$

| Replacement parts | | | |
|---|---------------------------------------|--|--|
| 120617 Mini Vortexer Silicone Cover, set of 2 | | | |
| 120814 | Mini Vortexer Universal Power Adapter | | |
| | | | |



Digital Orbital Shaker

Shaker for a vast range of protocols

Versatile Design

- Create your own matrix for vessels of all shapes and sizes with Hi-Lo Platform and Bungee Cords
- Instantly adjusts to weight load changes and unbalanced loads with nostop electronic motor feedback allowing for truly reproducible results
- Durable ABS construction suitable for use in incubators (excluding C02) and cold rooms within the stated temperature range

High-Featured Operation

- Suitable for wide range of protocols including very low start speed for sensitive sample agitation to high speeds for vigorous applications
- Soft start and shut down feature reduces spilling from full vessels
- Designed to handle heavy loads up to 10 lbs (4.5 kg)
- Overload protection shut-off prevents overloading

| Item No. | L x W x H in | L x W x H cm | Platform Inte | rior W x D cm |
|----------|-------------------|------------------|---------------|------------------|
| 120460 | 12.4 x 7.8 x 12.2 | 31.4 x 19.7 x 31 | 11 x 11 | 27.9 x 27.9 |

| Replacement parts | | | | |
|-------------------|--|--|--|--|
| 120521 | Digital Orbital Shaker Silicone Mat & Bumpers | | | |
| 120524 | Digital Orbital Shaker Bungie Cords, Pack of 8 | | | |
| 120491 | Digital Orbital Shaker Universal Power Adapter | | | |



| Specifications | |
|----------------|---|
| Speed Range | 20–300 rpm, 1 rpm increments |
| Orbit Diameter | 19 mm (0.8") |
| Run Time Range | 0 to 74 hours and 59 minutes; 1 second increments or continuous |
| Maximum Load | 4.5 kg (10 lbs) |
| | |



 Package Includes

 Digital Orbital Shaker

 Skid-Free Rubber Platform Mat

 8 Bungee Cord Set

(••

Universal Hi-Lo Platform with Soft Rubber Edge Bumpers

1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4

Interchangeable Plugs





Soft-Coated Triggers with direction indicators

Ergonomically Balanced in the hand with a loaded pipette

Universal Grip for right- or left- handed users



Adapter for small pipettes

Easy Identification

5 different colored nose cones help differentiate department, task or user; as well as a labeling area on the side of the unit



Magnetic & Screw Wall-Mount



3 Modes Bright LEDs indicate 3 operation modes: high, low, & gravity



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

- Long-life li-ion battery, with quick charge-up to 20 hours use
- Toggle operation by pressing the large mode button
- An adapter can be fitted to the nose cone to stabilize small volume and thinner pipettes



Nose cone assembly only

- Low-battery indicator

Can be recharged when in use



Storage Stand doubles as a charging station

| Item No. | Volume Range mL | L x W x H in | L x W x H cm | | | |
|----------------|--|----------------------------|---------------------------|--|--|--|
| HS3000 | 1–100 | 9 x 8.5 x 5 | 22.9 x 21.6 x 12.7 | | | |
| Replacement pa | arts | | | | | |
| HS5000RFFIL | RF3000 [®] Replacement Filters, <i>Pack of 5</i> | | | | | |
| 120669 | RF3000 [®] Universal Power Adaptor 5VDC Micro USB Plug | | | | | |
| HS300502 | RF3000 [®] Li-Ion Rechargeable Battery, One year warranty on battery included | | | | | |
| 120487 | RF3000® Nose Cones 🛛 Assorted* 🔳 🔳 📕 💻 | Set of 5 | | | | |
| HS5000RFRFA | RF3000 [®] Replacement Filter Adapter | | | | | |
| HS5000RFRP | RF3000 [®] Replacement Pipette Silicone Adapter | | | | | |
| | | *Assorted colors (Black, B | lue, Grey, Red and Yellow | | | |



| Package Includes |
|--|
| RF3000® Pipette Controller |
| Charging Stand and Wall-Mountable/Magnetic Holder |
| Nozzle Adapter for use with Small Pipettes |
| Li-Ion Rechargeable Battery |
| Five Nose Cones: Black, Yellow, Red, Grey and Blue |
| 5VDC Micro USB Plug |
| 6 ft (183 cm) Cable |
| 1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs II II |

- New USB connecter ensures the appropriate charger is used with

the unit

Pipette Controller

Precise fluid control at your finger tips

Comfortable to hold and easy to use, the manual inline pipette controller was designed with an ergonomic grip and bulb for simple and precise operation

A T-bar thumb lever controls the aspirating and dispensing speeds from serological pipettes from 1 to 100 mL in size

- Conveniently accommodates either glass or plastic serological or volumetric pipettes ranging from 1–100 mL
- Includes a replaceable .45 µm hydrophobic filter to protect your samples and internal components



Nose cone assembly only

| Item No. Color | | Volume Range mL | L x W x H in | L x W x H cm |
|----------------|------------|-----------------|-----------------|-----------------|
| 120479 | Blue | 1–100 | 9 x 2.1 x 2.1 | 23 x 5.4 x 5.4 |
| Replacen | nent Parts | | | |

Item No. Description

| 120604 | Three Noses Cone with Adapter | Green, White, Blue 🔳 🗔 🔳 |
|--------|-------------------------------|--------------------------|
| | | |

Operation Is Simple:

Squeeze the bulb to create a vacuum to draw up fluid Push the control lever forward (down) to dispense the liquid

Color

Push the control lever backward (up) to aspirate liquid through a pipette

Press the central bulb on the unit to blow out any remaining fluid if necessary





RF1000

Lightweight and easy to use

The RF1000 manual pipette controller 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 ranging 1–100 mL and is replaceable
- Includes a replaceable .45 μm hydrophobic filter to protect your samples and internal components

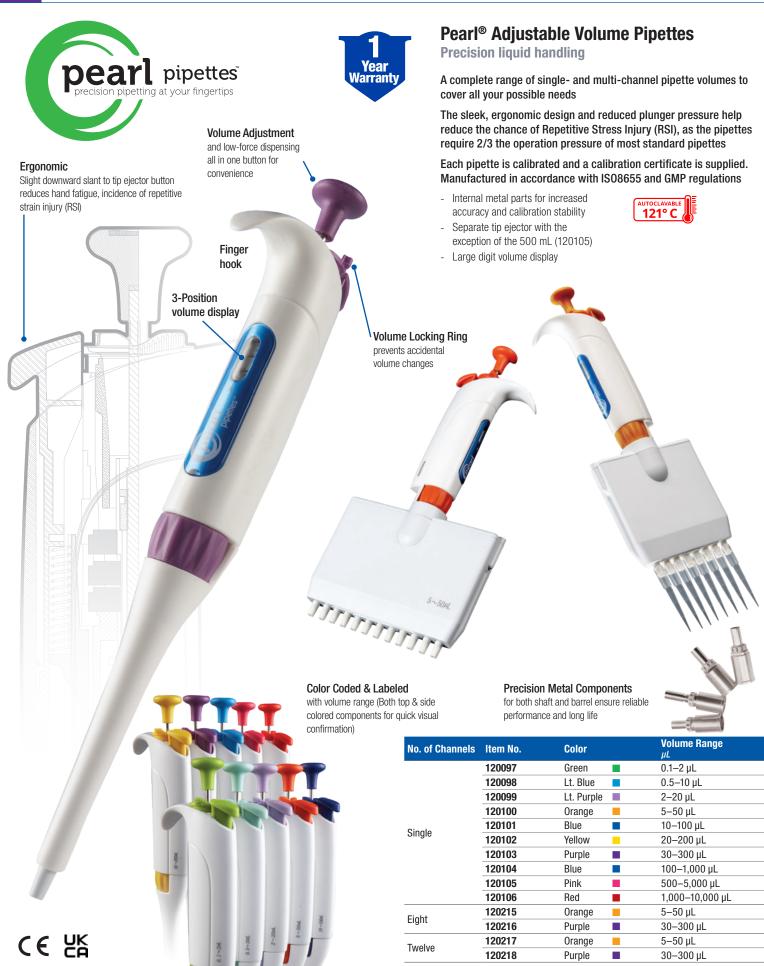


Nose cone assembly only

| Item No. | Color | Volume Range mL | L x W x H in | L x W x H cm |
|-----------|-------|--------------------|-----------------|-----------------|
| HS1000RFU | Blue | 1–100 | 7.1 x 1.8 x 4.7 | 18 x 4.5 x 12 |

Replacement Parts

| Item No. | Description | Color |
|-------------|--------------------------------|--------------------------|
| HS5000RFFIL | Replacement Filters, Pack of 5 | |
| 120604 | Three Noses Cone with Adapter | Green, White, Blue 🔳 🗌 🗖 |



Pipette Starter Kit

Universal Carousel Pipette Stand

Hold and store pipettes in style with the Universal Carousel Pipette Stand by Heathrow Scientific that holds up to 8 single-channel, 4 multichannel, or a combination of both pipettes

A sleek and modern design enables this stand to securely hold virtually every known brand of pipette in the marketplace making it truly 'universal' while adding a pop of color to a bench top

Reagent Reservoirs

Multi-channel reservoirs by Heathrow Scientific 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

Pearl® Pipettes

Pearl Pipettes by Heathrow Scientific were specifically engineered for ease of use and comfort

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 calibrated and a calibration certificate is supplied

Manufactured in accordance with ISO8655 and GMP regulations

Pipette Starter Kit Item No. 120554

| Universal Carousel Pipette Stand | For more information see page 45 | | | | |
|----------------------------------|----------------------------------|------------------|-----------------|------------------|-----------------|
| Upper Holder Color | Lower Holder Color | Base Width in | Top W x H in | Base Width cm | Top W x H cm |
| Assorted/Clear | Clear | 6.2 | 9 x 16.1 | 15.8 | 22.9 x 40.8 |

*Assorted colors (Purple, Blue, Green, Grey, Red Orange, Yellow and Clear)

| Pearl [®] Pipe | tes - Sin | gle Channel / | For more informa | tion see page 18 | | | |
|-------------------------|-----------|----------------|--------------------|------------------|-----------------|--------------------|-----------|
| Color | | | Volume Range µL | | | | |
| Lt. Purple | | | 2–20 µL | | | | |
| Yellow | | | 20–200 µL | | | | |
| Blue | | | 100–1,000 µL | | | | |
| Reagent Re | servoirs | For more infor | mation see page | 51 | | | |
| Color | | Volume mL | Material | Sterility | L x W x H in | L x W x H cm | |
| White | | 50 | Polystyrene | Sterile | 4 x 1.1 x 1.2 | 10.2 x 2.8 x 3 | Pack of 5 |

*All parts available separately



ecount

Rapid, accurate colony counter

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

- Light, ergonomic body is balanced for easy manipulation
- Count up/down verification
- Quick and easy to change between
 - different colored markers to check different colony counts in the same view
- Select between an audible beep or an LED flash to acknowledge count
 Store up to 32 separate counts and
- Store up to 32 separate counts an display the total of all counts

Package Includes:

- eCount Colony Counter
- Black Sharpie® Pen (Page 26)
- Long-life button battery included
- Hand tally Adapter
 Weighted Stand



US Patent No. D564,385 EP Registered Design No. 705751-0001

| Item No. | L x W in | L x W cm | |
|----------|----------------|-------------|--|
| 120000 | 7.4 x 1.2* | 17 x 3* | |
| 120228 | CR1225 Battery | | |

*Measurements shown are with Sharpie® Pen inserted



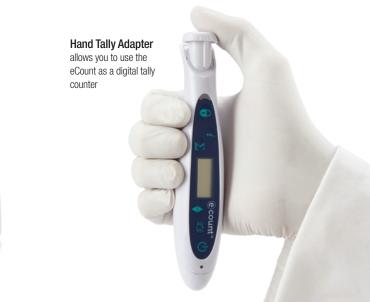


Weighted Stand for bench top use





Lock Counter Off to allow use of the marker without registering more counts





Mini-Light Box and Mini-Magnifier

Perfect accessories for the eCount or use as stand-alone items

Mini-Light Box



- LED Light source. Color temperature 5,300K +/- 270K
- Viewing area (125 x100 mm) is perfect for quick screening of 96-well plates, petri dishes, electrophoresis gels, slides, and transparencies
- Powered by six 1.5V AAA batteries (included), not included in warranty

Mini-Magnifier

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

| Item No. | Description | L x W x H in | L x W x H cm |
|----------|-----------------|-----------------|---------------------|
| 120661 | Mini-Light Box* | 6.2 x 5.9 x 0.6 | 15.8 x 15 x 1.4 |
| HS15092D | Mini-Magnifier | 6.3 x 5.3 x 8.1 | 16.1 x 13.5 x 20.7 |
| | | | *Batteries included |



Hand Tally Counter

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

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

| Item No. | Dia. x W in | Dia. x W cm | |
|----------|----------------|----------------|--|
| HS6594 | 1.8 x 1.6 | 4.6 x 4.1 | |



Benchtop Counters

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

- Each key records up to 999

- Blood cell key labels

- Total window keeps track of total number of strokes made on all other keys; bell rings when total reaches 100

| Item No. | No. of Keys | L x W x H in | L x W x H cm |
|----------|-------------|-----------------|-----------------|
| HS5360A | 6-Key | 9.8 x 3 x 2.2 | 25 x 7.6 x 5.6 |
| HS5360B | 9-Key | 12.5 x 3 x 2.2 | 32 x 7.6 x 5.6 |

Workstation Essentials

Products necessary for workflow efficiency and keeping your work space clean and organized



Lab Mats Notebooks & Timers Drying Racks Organization

Curiosity drives us beyond yesterday's way of thinking:

We are an inquisitive bunch focused on understanding the lab science world and how to make a difference.

We change, we adapt and we expect creative thinking and solutions from everyone we align with.

We don't just make lab products, we make the work lab professionals do easier, more efficient and more fun.





Reusable Lab Mats

Sustainable, Safe Solutions

Reusable lab mats are an essential lab solution to help keep benchtops organized and clean

They help facilitate workflow processes and are ideal for every type of laboratory

Save Money & Eliminate Waste

- Since the lab mats are reusable, they reduce cost and waste making it a more environmentally friendly option over the alternative paper mats

Adds Stability & Safety

- These mats offer a large working surface that is anti-skid which keeps delicate glassware and expensive equipment in place
- The mat's surface is also noise dampening, reducing sound from the vibration of common benchtop equipment
- Made from durable food grade silicone, they are chemically resistance and have a raised edge to contain chemical spills

Easy to Clean & Store

 When the mats are done being used, they can be easily cleaned using any standard disinfectant by simply wiping it, or putting it in a dishwasher and it's ready for repeated use

Workstation Lab Mat

Safely facilitate workflow processes

- Protect counter tops from hot items up to 200°C (392°F)
- Lip around the edge can hold approx. 250 mL of liquid
- Small footprint, 12 x 14.9 x 0.1 in (30.5 x 37.9 x 0.2 cm)







Gridded Surface for tube staging, preventing movement of objects Reversible Side One: combination gridded and smooth surface Side Two: smooth surface only



| Item No. | Color | L x W x H in | L x W x H cm |
|----------|--------|-----------------|-------------------|
| 120747 | Blue | 12 x 14.9 x 0.1 | 30.5 x 37.9 x 0.2 |
| 120748 | Purple | 12 x 14.9 X 0.1 | 30.5 X 37.9 X 0.2 |

Silicone Lab Mat

Large working space

The lab mat can be used with items such as centrifuges, vortex mixers, hot plates, stirrers, pipettes and so much more

- Mat features designated magnetic area to keep stir bars in place
- Protect countertops from hot items up to 200°C (392°F)



Raised Edges enable liquid retention

Large Working Surface

accommodates benchtop equipment, weigh boats, stir bars, scales, etc.



| item No. | Side #1 Color | Side #2 Color | L x W x H in | L x W x H cm |
|----------|---------------|---------------|-----------------|-----------------|
| 120506 | Yellow | Grey/Blue | | |
| 120507 | Purple | Purple/Grey | 14 x 23.5 x 0.1 | 35 x 60 x 0.2 |
| 120599 | Blue | White/Blue | | |

Laboratory Notebooks

Keep information safe and well organized with Laboratory Notebooks

Record research data, experimental procedures, design and development ideas and more

- Quality Smyth Sewn binding holds pages securely and lies flat when opened
- Made of acid-free paper, pages are numbered and include space for title, date, project number, book number, date and witness signature
- User data, notebook instructions, table of contents, periodic table, and conversion tables are included in every book

Keep

Information Safe with a durable hardbound, water-resistant cover



Marker Ribbon to keep your place

| em No. | Color | Pages | Page Format. | L x W in | L x W cm |
|---------|---------|-------|-----------------|-------------|-------------|
| 8610A | | 100 | Grid | | ст |
| IS8610D | | 200 | Lined | 8.6 x 11.1 | 21.8 x 28.1 |
| HS8610E | Black 🔳 | 100 | LINEU | | |

Lab Alert[®] Clocks & Timers



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



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



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

| | ltem No. | No. of Channels | Timing Capacity | Count Direction | Display Digits, H mm | Battery Included | L x W x H in | L x W x H cm |
|---|----------|--------------------|--------------------|--------------------|-------------------------|---------------------|-----------------|------------------|
| а | HS24490D | Four | 100 hr. | Up/Down | 6 | One LR44 1.5V | 2.4 x 2.8 x 1 | 6.1 x 7.1 x 2.5 |
| b | HS24490M | Three | 20 hr. | Up/Down | 10.5 | One AAA | 3.4 x 2.6 x 0.9 | 8.6 x 6.6 x 2.2 |
| С | 120365 | Four | 24 hr. | Up/Down | 10 | Two AAA | 4.8 x 3.4 x 0.9 | 12.3 x 8.6 x 2.1 |
| d | HS24645 | One | 24 hr. | Up | 8.5 | One LR44 1.5V | 3.4 x 3.1 x 0.8 | 8.7 x 7.8 x 2.1 |
| е | HS24670 | Four | 99 hr. | Down | 14 | Two LR44 1.5V | 2.9 x 2.3 x 0.5 | 7.3 x 5.9 x 1.3 |



Multi-function Stopwatch/Clock

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



e

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

Bringing color to a mundane task

Most Versatile Rack in the market

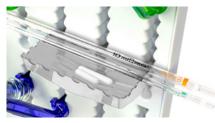
- Channels designed for more useful configurations
- Large and Small pegs for all glassware varieties
- One of a kind Drying Basket to collect smaller items

Designed to protect against breakage

- Peg angle allows for better hold especially large, heavy pieces
- Patent Pending SureGrip Hook securely grips glassware into place

Included:

- 72 Pegs ~ 36 Small (Green) ~ 36 Large (Blue)
- 2 Drying Baskets
- Drainage Tubing
- Mounting Hardware



Drying Basket to keep small items and slotted to hold pipets safe while drying



SureGrip Hook Patent-pending design securely grips glassware into place



Lab Drying Rack

| , , | | | |
|----------|-----------------|------------------|--|
| Item No. | L x W x H | L x W x H | |
| | in | ст | |
| 120791 | 17.4 x 26 x 5.5 | 44.1 x 66 x 13.9 | |

Replacement Parts

| Item No. | Decription |
|----------|--|
| 120793 | Peg 10 Piece Kit, (5) Small, (5) Large |
| 120792 | Drying Basket Kit, 2 ea |
| 120813 | Replacement Draining Set, Tube and Elbow |

1

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, HDPE-coated steel wire for durability with polystyrene tray and back
- Easily accessible and removable bottom drainage pan



Workstation Lab Mat

Keep glassware in place while drying

Peg Racks

Perfect for drying small items

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

- Use in sink or on countertop
- Sturdy pegs hold items in place





Open tear drop wells allow for water to drain

| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------------------|---------------|-------------|-------|-----------------|-----------------|-------------------|
| HS24311A HS24311B | White Blue | 10 | 50 | 14–17 | 7.4 x 4.1 x 2.7 | 18.8 x 10.4 x 6.9 |
| HS24312A | White | 7 | 96 | 10–13 | 3.2 x 5 x 2.7 | 8.2 x 12.6 x 6.9 |
| HS24312B | Blue | , | 00 | 10 10 | 0.2 X 0 X 2.1 | 0.2 X 12.0 X 0.0 |



Workstation Lab Mat, Page 25

Pack of 2

MagLab

Magnetic lab storage series

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

Vibrant & Functional

- Made of robust ABS plastic in bright translucent colors
- Secure direct to metal with built-in powerful magnets or non-metal surfaces with included self-adhesive mounting plate
- Available individually or as a pack of four

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



Magnetic Includes self-adhesive mounting plates that adhere to any surface

| Item No. | Description | Color | L x W x H in | L x W x H cm |
|----------|--------------------------|------------------|-----------------|-------------------|
| HS23500 | MagLab Series, Pack of 4 | Assorted 📃 🔳 📕 * | — | — |
| HS23502 | MagWipe | Green | 5.1 x 3.5 x 3.8 | 13 x 9.1 x 9.8 |
| HS23503 | MagPette | Purple | 5.1 x 4.4 x 2.9 | 13.1 x 11.2 x 7.6 |
| HS23504 | MagBox | Orange 📃 | 5.1 x 3 x 4 | 13 x 7.8 x 10.2 |

Kimwipes

*Assorted colors: Teal, Green, Purple and Orange

Workspace Organization

Studies* show that by clearing clutter from your work environment, you are better able to focus and process information, resulting in increased productivity.

*Princeton University Neuroscience Institute



Workstation Organizer

Keeps supplies organized and easily accessible

For easy access to items on counter, shelf or inside drawer

- Protect fragile items and contain small items

| Item No. | Color | L x W x H in | L x W x H cm |
|------------|------------|-------------------|-------------------|
| HS2538A | White | 17.9 x 12.1 x 2.5 | 45.5 x 30.7 x 6.3 |
| | | | |
| Compartm | ients | L x W | L x W |
| oompartin | | in | ст |
| 2 Small Co | mpartments | 17 x 3.1 | 43 x 8 |
| 1 Large Co | mpartment | 17 x 4.3 | 43 x 11 |





Clear acrylic 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

| Item No. | Color | Compartments | L x W x H in | L x W x H cm | |
|----------|---------|--------------|------------------|--------------------|--|
| HS23401 | | 1 | 7.2 x 7.6 x 9.1 | 18.4 x 19.4 x 23.2 | |
| HS23402 | | 2 | 5.9 x 6.9 x 14.4 | 15 x 17.7 x 36.8 | |
| HS23403 | Clear 🗌 | 3 | 8.5 x 6.6 x 8.5 | 21.7 x 17 x 21.7 | |
| HS23404 | | 4 | 11.3 x 6.6 x 8.5 | 28.7 x 17 x 21.7 | |

Tubby[®] Storage Container Sturdy storage tub with lid and dividers

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 Pack of 5

| | | T dok of 5 |
|----------|----------------|----------------|
| Item No. | L x W x H | L x W x H |
| | in | ст |
| HS23453 | 13 x 7.9 x 4.5 | 33 x 20 x 11.5 |



More Dispensers for organization and to keep safety PPE products at the ready



Workstation Storage Bin, Page 116



Pipette Workstation, Page 48



Modular Glove Box Holders, Page 117

Test Tube Basket

Ideal for washing and storing test tubes

Strong basket for use with mechanical washers and autoclaves

- Basket for use in washers, autoclaves or for storage of lab consumables
- Made from aluminum



| Item No. | L x W x H in | L x W x H cm |
|----------|-----------------|--------------------|
| HS20341B | 10 x 6 x 6 | 25.6 x 15.2 x 15.2 |



Sample Collection & Transport

Make everyday easier and safer with products for sample and blood collection



Portable Trays Totes & Transports Clinical Tube Racks Sample Trays & Racks



Ratcheting Handle

folds out of the way for easy access, even over tall sharps containers

> Side Pockets

> > LxWxH

cm

Tray Inserts

come in two configurations and include an extra-deep compartment for a sharps container



Disposable Insert A for 13 mm tube rack



Disposable Insert B for 16 mm tube rack

in

US Patent No. D544703

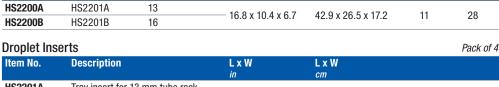
Handle Height

Droplet Blood Collection Tray

Designed with phlebotomists in mind

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

- Multiple compartments keep a variety of supplies neatly at hand, and organized
- Built in side pockets offer additional storage space
- Handle includes soft rubber grip to reduce hand and _ finger strain
- Each tray includes either a 13 or 16 mm Heathrow _ OneRack® tube rack (page 78) and two disposable polystyrene inserts



LxWxH

in

| | | | CIII | | |
|---------|---------------------------------|--------------|----------|----------|--|
| HS2201A | Tray insert for 13 mm tube rack | — 14.2 x 8.2 | 36 x 21 | | |
| HS2201B | Tray insert for 16 mm tube rack | | 30 X 2 I | 30 X 2 I | |
| | | | | | |



Keeps contents clean and secure

X-tourn[®] Tourniquets

Hi-viz orange alert for safer practice

High-quality disposable tourniquets eliminate roping or curling when used

- Made from supple and smooth _ polyisoprene
- Latex free
- Less abrasive than other brands _
- No rubber proteins, resins or fatty acids that can produce hypersensitive reactions - Available in bulk or on a perforated roll

Supply Drawer

Tray Insert

Tube Rack

тт

Droplet Configurations

Droplet Lid

collection tray

Made of polystyrene

Stackable

_

_

Cover for the Droplet blood

this Droplet lid. Custom designed sturdy lid

Item No.

- LxW L x W Item No. Color Packaging cm 120108 Green 100/Bulk 18 x 1 45.7 x 2.5 120110 250/Bulk Orange 18 x 1 45.7 x 2.5 120111 25 Rolls





Protect the contents of the Droplet Tray with is a snug fit, protects contents and provides access to the tray handle in its vertical position Can be secured with cable ties for extra security

| Item No. | Color | LxWxH | L x W x H |
|----------|-------|----------------|----------------|
| | | in | ст |
| HS2202 | White | 16.5 x 9.4 x 8 | 42 x 24 x 20.5 |

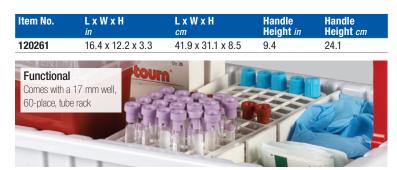
35

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 requirements with the dividers provided
- Comfort grip on durable acetal plastic handle tested to hold up to 10 kg





For safe disposal of syringes, needles and other small sharps see our Sharps Containers



Sharps Containers, Page 114



| Item No. | Color | L x W x H in | L x W x H cm |
|----------|-------|-----------------|--------------------|
| 120021 | Blue | 17 x 11 x 11 | 43.2 x 27.9 x 27.9 |

Totemax® Blood Collection Tray

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 rails, foot-boards and handrails found in a typical patient room

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







to expedite loading and emptying



DuraPorter®

Specimen or Sample 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 Duraporter $^{\odot}$ transparent design is OSHA 29 CFR 1910.1031 and UN3373 compliant

- Polycarbonate construction and available in three colors for user/ owner identification
- Accommodates 13 mm, 16 mm and 20 mm tubes with our Half and Full Size OneRack[®]
- Use the separators provided to create your own compartment sizes



| Item No. | Color | L x W x H in | L x W x H cm |
|----------|---------------------------|-----------------|-----------------|
| 120052 | Clear with Blue Handle | | |
| 120077 | Red with Red Handle | 15 x 7.7 x 6.3 | 38 x 19.6 x 16 |
| 120078 | Yellow with Yellow Handle | | |









Extra Security Feature Accommodates lockout tags (not included)

A Perfect Fit **OneRack® Tube Rack** Accommodates 13 mm, 16 mm and 20 mm tubes with our Half and Full Size OneRack® See page 78





For field sample processing, learn more about our Portable Centrifuge Kit

Includes Mini-Centrifuge and 12V Car Adapter for processing outside the laboratory



Portable Centrifuge Kit, Page 9

Clinical 4-Way Tube Rack

The only tube rack specifically designed to hold round, flat & conical blood collection and culture tubes

- Accommodates all brands of 13 and 17 mm round, flat and conical bottom blood collection & culture tubes
- Customize the rack to fit the number of wells required, infinite units can be linked together or use one standalone unit
- Molded alphanumeric identification for quick location and retrieval of tubes
- Robust, made from polypropylene that _ is chemical resistant and easy to clean
- Racks can be used in water baths and placed in freezers
- Patent Pending

Customizable

Racks can slide together to

create many combinations



LIS Patent No D900337

| 001 altill | 03 Faterit No. D900337 Pack 01 3 | | | | manual main opcomoations | | | | | | |
|------------|----------------------------------|--|----------|-----------|--------------------------|---|------|-------|-----------|-----------------|------------------|
| Item No. | Color | | Item No. | Color | | B | Side | Wells | Well Dia. | L x W x H in | L x W x H cm |
| 120684 | Blue | | 120687 | Natural | | | A | 12 | 13 | | |
| 120685 | Purple | | 120683 | Assorted* | | A | В | 18 | 13 | 9.1 x 2.8 x 3.8 | 23.2 x 7.0 x 9.5 |
| 120686 | Green | | | | | D | С | 12 | 17 | 9.1 X 2.0 X 3.0 | 23.2 X 7.0 X 9.5 |
| | | | | | | | | | | | |

*Assorted colors (Blue, Purple, Green, Red, Natural)

Mega Rack[®]



High-capacity storage for your tubes

Fully assembled, polypropylene mega racks are great for high throughput labs requiring large sample storage

- Sturdy, material for easy and secure transport of blood collection and other tubes
- Alphanumeric identification for quick location and retrieval of tubes
- Place different test groupings into one rack eliminating the need for multiple racks



Mega Racks[®] 10-13 mm - Holds 5-7 mL sample tubes

| Item No. | Color | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------|-------|-------|-----------|------------------|-------------------|
| HS24322A | Blue | — 216 | 13 | 13.3 x 9.3 x 3.6 | 33.7 x 23.5 x 9.1 |
| HS24322E | White | 210 | 15 | 13.3 X 3.3 X 3.0 | |
| 120112 | White | - 432 | 13 | 26.5 x 9.3 x 3.5 | 67.3 x 23.5 x 9.0 |
| 120113 | Blue | - 432 | 15 | 20.3 X 9.3 X 3.3 | |

Mega Racks® 13-16 mm - Holds 10 mL sample tubes

| Item No. | Color | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------------------|-------------|-------|-----------|-------------------|-------------------|
| HS24323A HS24323E | Blue Vhite | — 120 | 16 | 13.3 x 10.5 x 3.6 | 33.7 x 26.7 x 9.1 |
| 120114 120115 | White Blue | — 240 | 16 | 26.5 x 10.5 x 3.5 | 67.3 x 26.7 x 9.0 |

| Mega Racks [®] 18-20 mm - Holds 15 mL conical/swab tubes and 20 mm round bottom tubes | | | | | | | |
|--|---------|-------|-----------|-------------------|-------------------|--|--|
| Item No. | Color | Wells | Well Dia. | L x W x H in | L x W x H cm | | |
| 120834 | White 🗌 | — 120 | 20 | 14.9 x 11.9 x 3.6 | 37.7 x 30.1 x 9.1 | | |
| 120835 | Blue | 120 | 20 | 14.9 X 11.9 X 3.0 | 37.7 X 30.1 X 9.1 | | |

Individual Back Specifications

| 0/ | | | mm | in | ст | | |
|----|---|----|----|-----------------|-----------------|--|--|
| A | Α | 12 | 13 | | | | |
| | В | 18 | 13 | 9.1 x 2.8 x 3.8 | 23.2 x 7.0 x 9. | | |
| | С | 12 | 17 | | | | |
| | D | 18 | 17 | | | | |
| | | | | | | | |



Clinical Tube Racks

Learn about more of our Tube Racks that hold 10-17 mm blood collection tubes





Droplet Corrugated Sample Storage Tray

Affordable 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
- e Stackable with other trays
 - Moisture resistant, significantly reducing Pack includes: 10 trays and 10 dividers the chance of mold

| Item No. | Color | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|-------|-------|-----------------|-----------------|-----------------|
| 120375 | White | 24 | 58 | 16 x 10.2 x 3.5 | 40.6 x 26 x 8.9 |



or transport of laboratory products



to hold up to 24 full specimen containers

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

- Bin and tray are made from polystyrene
- Lightweight and sturdy to hold up to 24 full specimen containers (Specimen containers not included)
- Stackable with other trays to support as many as four high

allows outer shell to be used for storage or transportation of laboratory products

Removable Insert

- Can be easily cleaned with common disinfectants and germicides



| Item No. | Color | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------|------------|-------|-----------|-----------------|-----------------|
| 120172 | Blue/White | 24 | 58 | 18.9 x 13 x 3.3 | 48 x 33.1 x 8.4 |



Coated Wire Rack - Urine Containers

Durable racks for transport or sample handling

- Chemically-resistant, HDPE-coated steel wire rack
- Fits bottles with 55-58 mm diameters





| Item No. | Color | Tube Array | Wells | Well Dia. | L x W x H | L x W x H | |
|----------|-------|------------|-------|-----------|-----------------|-----------------|--|
| | | | | тт | in | ст | |
| 120091 | Blue | 6 x 4 | 24 | 58 | 15.5 x 10.3 x 2 | 39.3 x 26.2 x 5 | |

Liquid Sample Handling

Whether it be dispensing or aspirating microliters or milliliters, we offer you precision at your fingertips

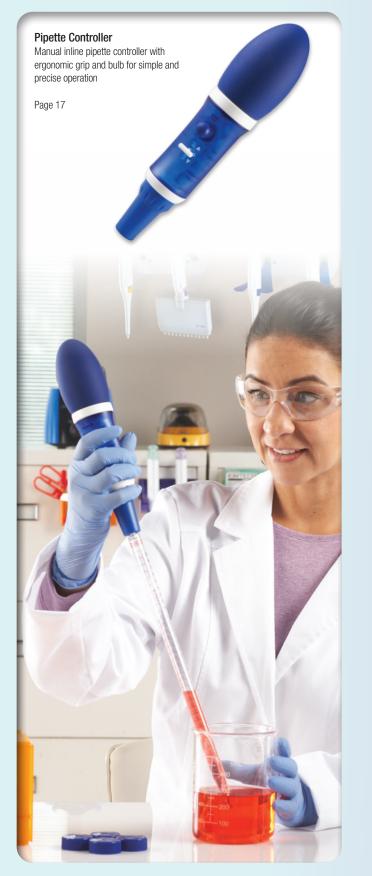


Pipettors, Fillers & Bulbs Reagent Reservoirs & Chillers Funnels & Lead Rings Pipettor Racks & Accessories

High-quality Pipettors offering precision at your fingertips



High-quality Pipettors offering precision at your fingertips



Pearl® Adjustable Volume Pipettes Complete range of singleand multi-channel pipette volumes to cover all your possible needs

Page 18





Fillers and Bulbs

1 Latex Dropper Bulbs

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

2 Dropper Bulbs

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

3 Rubber Bulbs

- Contoured shape and heavy-wall neck increase grip for easier use with pipettes and syringes

4 Vacuum/Pressure Bulb

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

5 Safety Bulb Pipette Filler

- 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

⁶ Pipette Filler

- Efficient one-handed operation
- Control air-evacuation, liquid uptake, and liquid dispensing with three 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

Latex Dropper Bulbs (Natural Rubber)

| Eaton Bropp | | value i i | 100001/ | | | | | | |
|-------------|----------|-----------|--------------|--------------|--------------|----------------------|----------------|---------------------|---------------|
| Item No. | Color | | Volume mL | Length in | Length mm | Outer Diameter in | Outer Diameter | Hole Diameter in | Hole Diameter |
| HS20622A | - Yellow | | 1 | 1.7 | 43 | 0.51 | 13 | 0.20 | 5 |
| HS20622B | reliow | | 2 | 2.0 | 52 | 0.51 | 13 | 0.24 | 6 |

Dropper Vial Bulbs (Silicone Rubber)

| Diopper viai | Duibs (Onio | | 1) | | | | | | FACK 01 24 |
|--------------|-------------|---------|-----|---------------|----------------|----------------|-------|------|---------------|
| Item No. | Color | Vc m | | gth Len mm | gth Oute in | er Diameter Ou | | | Hole Diameter |
| HS20629A | — Blue | _ 1 | 1.1 | 28.7 | 0.47 | 12 | 2 (|).24 | 6.0 |
| HS20629B | DIUC | 3 | 1.6 | 41 | 0.70 | 17 | 7.8 (| 0.26 | 6.5 |
| | | | | | | | | | |

Rubber Bulbs (Natural Rubber)

| Item No. | Color | Volume mL | Length in | Length mm | Outer Diameter | Outer Diameter | Hole Diameter | Hole Diameter |
|----------|-------|--------------|--------------|--------------|----------------|----------------|---------------|---------------|
| HS20630B | | 15 | 1.9 | 50 | 1.3 | 34 | 0.16 | 4 |
| HS20630C | Ded | 30 | 2.6 | 66 | 1.8 | 46 | 0.24 | 6 |
| HS20630D | Red | 60 | 3.1 | 80 | 2.1 | 54 | 0.24 | 6 |
| HS20630E | | 150 | 4.1 | 103 | 2.9 | 73 | 0.24 | 6 |

Vacuum/Pressure Bulb (Natural Rubber)

| Item No. | Color | Volume mL | Length in | Length mm | Outer Diameter | Outer Diameter | Hole Diameter | Hole Diameter |
|----------|-------|--------------|--------------|--------------|----------------|----------------|---------------|---------------|
| HS20631B | Black | 85 | 4.2 | 106 | 2.1 | 52 | 0.29 | 7.4 |

Safety Bulb Pipette Filler (Natural Rubber)

| Item No. | Color | Volume mL | Length in | Length mm | Outer Diameter in | Outer Diameter | Hole Diameter | Hole Diameter |
|----------|-------|--------------|--------------|--------------|----------------------|----------------|---------------|---------------|
| HS20623 | Red | 15 | 4.2 | 106 | 1.6 | 41 | 0.39 | 10 |

Pipette Filler (Natural Rubber)

| Item No. | Color | Volume mL | Length in | Length mm | Outer Diameter in | Outer Diameter mm | Hole Diameter in | Hole Diameter |
|----------|-------|--------------|--------------|--------------|----------------------|----------------------|---------------------|---------------|
| HS20632A | Black | | | | | | | |
| HS20632B | Red | 35 | 5.1 | 130 | 2.1 | 54 | 0.24 | 6.0 |
| HS20632C | Blue | | | | | | | |

Pack of 72

Dook of 24

C

b

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

| | Item No. | Vol. mL | Working Vol. mL | Length mm | Graduations mL | Packaging 500 per box | Sterile |
|---|-----------|------------|--------------------|--------------|-------------------|--------------------------|--------------|
| | HS206371A | | | | | Bulk | |
| а | HS206371B | 5 | 1 | 150 | 0.25 | 20/bag | \checkmark |
| | HS206371C | | | | | 1/single wrap | \checkmark |
| | HS206372A | | | | | Bulk | |
| b | HS206372B | 5 | 2 | 155 | 0.5 | 20/bag | √ |
| | HS206372C | | | | | 1/single wrap | \checkmark |
| | HS206373A | | | | | Bulk | |
| С | HS206373B | 7 | 3 | 155 | 0.5 | 20/bag | \checkmark |
| | HS206373C | | | | | 1/single wrap | ~ |



a

Universal Carousel Pipette Stand

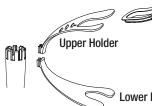
Pipettes never looked so good, on your bench top

Stylish pipette stand holds and stores up to 8-single channel, 4-multi channel, or a combination of both pipettes Versatile

- Patent pending design enables this stand to securely hold virtually every known brand of pipette in the marketplace
- Modular upper holder inserts accommodate the fit of different pipette widths
- Assorted color inserts allow for color coding configurations

Durable Utility

- Stable weighted base allows for easy one handed removal and replacement of pipettes
- Rotating head makes pipette selection fast and easy
- Moving the stand while keeping pipettes in place is simple with a quick grip handle allowing a user to grab and go



9 x 16.1

6.2

Inserts

on the upper holders can be added or removed to accommodate the fit of different pipette widths

22.9 x 40.8

Lower Holder

| | 0 | | | | | |
|------------|-----------------------|-----------------|----------------|---------------|-------------|--------------|
| Item No. | Upper Holder Color | | Quantity | Lowe Color | r Holder | Quantity |
| 120480 | Blue/Green | | 8 ea/color | Blue | | 8 ea |
| 120481 | Purple/Clear | | 8 ea/color | Purple |) | 8 ea |
| 120499 | Assorted/Clear* | | 1 ea/color | Clear | | 8 ea |
| | | | 8 clear | | | |
| | *Assorted a | colors (Purple, | Blue, Green, G | Grey, Red, Or | ange, Yello | w and Clear) |
| Base Width | Top W in | хH | Base Widt | th | Top W x | н |

15.8

Universal Pipette Holder

Wall mounted storage solution

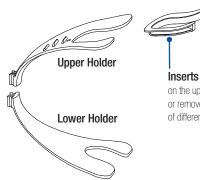
The pipette holder comes with two wall mounting brackets that each hold two pipettes

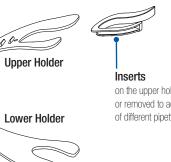
Secure

- Upper and lower segment inserts easily slide in place to securely hold virtually every known brand of pipette
- Segments unique design includes traction grips that center pipettes allowing for easy one handed removal and replacement

Adaptable

- Inserts come in two separate colors allowing for color coding, quick identification or just to add a pop of color to your workspace





on the upper holders can be added or removed to accommodate the fit of different pipette widths

| | | | | | | | Patent Pending |
|----------|------------|-----|----------|-------|-------------|-------------|----------------|
| Item No. | Lower Hold | ler | Upper Ho | older | L x H in | L x H cm | |
| | 2 Blue | | 2 Blue | | | | |
| 100575 | 2 Green | | 2 Green | | - | 17 5 4 4 5 | |
| 120575 | 2 Clear | | 1 Purple | | - 6.9 x 1.8 | 17.5 x 4.5 | |
| | | | 1 Yellow | | - | | |



Clamp-ette® Pipette Holder

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



Tri Clamp-ette®

| in olamp | | | | | | | | |
|----------|-------|--|-----------------|-----------------|--|--|--|--|
| Item No. | Color | | L x W x H in | L x W x H cm | | | | |
| HS20162A | Blue | | 6.2 x 4.7 x 3.7 | 15.7 x 12 x 9.5 | | | | |

Secures Clamping for tabletops, benches

and shelves





Flip & Grip[®] Pipette Holder Giving labs a choice

- Will hold up to 12 single-channel pipettes, or a combo of 3 single- and 3 multichannel pipettes
- Rubber grips prevent scratching pipette
- Weighted base
- Holds most common brands
- Installation hardware included

| | | | | US Design Patent N | lo. D754,872 & D763,464 |
|----------|---------|-----------------------------|------------------------------------|--------------------------------------|--------------------------------------|
| Item No. | Color | Bench Top Style W x H in | Bench Top Style W x H <i>cm</i> | Under Shelf Style W x H <i>in</i> | Under Shelf Style W x H <i>cm</i> |
| 120026 | Blue | | | | |
| 120056 | Lime | 13.1 x 7.6 | 33.2 x 19.3 | 7.4 x 7.6 | 18.7 x 19.3 |
| 120057 | Magenta | | | | |



Pipette Workstation

Organize your pipettes 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

| Item No. | Color | L x W x H in | L x W x H cm |
|----------|-------|-----------------|--------------------|
| HS234631 | Clear | 9.6 x 6.5 x 9.7 | 24.4 x 16.5 x 24.6 |



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 0.375 in (10 mm) thick acrylic provides protection from Beta radiation
- The large, hinged lid allows easy disposal of contents
- Use in conjunction with small biohazard disposal bags, if hazardous fluids are not acrylic friendly

| Item No. | Lid Opening | L x W x H in | L x W x H cm |
|----------|-------------|-----------------|--------------------|
| HS234634 | 30 | 6.1 x 6.7 x 8.1 | 15.4 x 17.1 x 20.6 |



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

| Item No. | Color | Material | Pipette Capacity | Slot Upper in | Slot Upper mm | Slot Lower in | Slot Lower |
|----------|-------|----------|---------------------|------------------|------------------|------------------|------------|
| HS206203 | | | Three | | | | |
| HS206204 | Clear | Acrylic | Four | - | 05 | 0.0 | 10 |
| HS20620 | | | Six | I | 25 | 0.8 | 19 |
| HS20613C | Blue | Acrylic | Six | | | | |
| HS20613E | Blue | ABS | Six | 1 | 25 | 0.8 | 20 |

Cargo Pipette Rack

Meets the need of any lab

Racks securely lock together horizontally or vertically to desired configuration or can be used individually

Can be used on top of benchtop or conveniently hung on any metallic surface with strong magnets that are designed into the racks

- Angled shelves store 0.1 to 50 mL pipettes
- Protective lid encloses the unit to prevent dust build-up and provides additional shelf space

| | | | Pack of 3 |
|----------|-------|-----------------|------------------|
| Item No. | Color | L x W x H in | L x W x H cm |
| HS20615M | Blue | 11.9 x 3.9 x 5 | 30.1 x 10 x 12.8 |





| Item | ו No. | Color | Material | L x W x H in | L x W x H cm |
|------|-------|-------|------------------------|---------------------|-------------------|
| HS2 | 0611 | Clear | Acrylic | | |
| HS2 | 0612 | Blue | ABS | 11 4 4 9 5 4 15 9 | 29.1 x 8.8 x 40.1 |
| HS2 | 0613 | Red | ABS | - 11.4 x 3.5 x 15.8 | 29.1 X 0.0 X 40.1 |
| HS2 | 0612M | Blue | ABS (mounting magnets) | | |

Pipette Racks

Protects and organizes glass and plastic pipettes

Four angled-shelved compartments keep your 0.1 to 50 mL pipettes or cryo vial canes 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

| Pipette Attachments |
|---------------------------------|
| ABS versions includes |
| 2 removable pipette attachments |



the second secon

Dual Solution Reservoir

Innovative shape guides and protects pipette tips

Multi-functional reagent reservoir has a single compartment 50 mL basin on one side and 12 slotted 5 mL basins on the other side

- Angled wells guide pipette tips toward a center position to help avoid cross contamination and waste
- Individual 5 mL basin wells numerical imprinted to identify samples
- Cover included to prevent contamination



| | | | Pack of 25 |
|----------|--------------|-----------------|-----------------|
| Item No. | Volume mL | L x W x H in | L x W x H cm |
| HS20821A | 5/50 | 4.9 x 2 x 1.5 | 12.5 x 5 x 3.7 |



| Item No. | Volume mL | Graduation Marks | Material | Sterile | Packaging | Interior Dimensions L x W x H <i>in</i> | L x W x H cm | |
|----------|---------------------------|------------------|-------------|---------|----------------|--|------------------|--|
| 120637 | 5 | 5 | Polystyrene | Yes | 50/Single Bag | 2.8 x 0.8 x 0.7 | 7.2 x 2.1 x 1.8 | |
| 120638 | 10 | 5 and 10 | Polystyrene | No | 100/Bulk | 2.8 x 0.8 x 0.7 | 7.2 x 2.1 x 1.8 | |
| 120639 | 10 | 5 and 10 | Polystyrene | Yes | 100/Single Bag | 2.0 X 0.0 X 0.7 | 1.2 X 2.1 X 1.0 | |
| 120640 | 25 | 15 and 25 | Polystyrene | Yes | 200/40 x 5pk | | | |
| 120641 | 25 | 15 and 25 | Polystyrene | Yes | 100/Single Bag | 4.4 x 0.9 x 1.1 | 11 2 4 2 4 4 2 7 | |
| 120642 | 25 | 15 and 25 | Polystyrene | No | 100/Bulk | 4.4 X U.9 X 1.1 | 11.3 x 2.4 x 2.7 | |
| 120884 | 25 | 15 and 25 | Polystyrene | Yes | 100/Single Bag | | | |
| 120643 | 50 | 25 and 50 | Polystyrene | Yes | 200/40 x 5pk | | 11.5 x 2.9 x 3.5 | |
| 120644 | 50 | 25 and 50 | Polystyrene | Yes | 100/Single Bag | | | |
| 20645 | 50 | 25 and 50 | Polystyrene | No | 100/Bulk | 4.5 x 1.1 x 1.4 | | |
| 20646 | 50 | 25 and 50 | PVC | Yes | 100/20 x 5pk | | | |
| 20690 | 50 | 25 and 50 | PVC | No | 100/Bulk | | | |
| 120647 | 100 | 50 and 100 | Polystyrene | Yes | 200/40 x 5pk | | | |
| 20648 | 100 | 50 and 100 | Polystyrene | Yes | 100/Single Bag | 4.6 x 1.9 x 1.0 | 11.7 x 4.8 x 2.5 | |
| 120649 | 100 | 50 and 100 | Polystyrene | No | 100/Bulk | 4.0 X 1.9 X 1.0 | 11.7 X 4.0 X 2.3 | |
| 20650 | 100 | 50 and 100 | PVC | No | 100/Bulk | | | |
| 20651 | 25 (10 and 15 mL divided) | 10/15 | Polystyrene | Yes | 200/40 x 5pk | 4 x 1 x 0.8 | 10.0 × 0.5 × 0.1 | |
| 20652 | 25 (10 and 15 mL divided) | 10/15 | Polystyrene | Yes | 100/Single Bag | 4 X I X U.O | 10.2 x 2.5 x 2.1 | |
| | | | | | | | | |



Lead Rings Stabilize vessels and labware on the bench or 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

| Item No. | Shape | Color | Flask Sizes mL | ID in | ID cm | OD in | OD cm | Weight g |
|----------|-------|----------|-------------------|----------|----------|----------|----------|-------------|
| HS8881A | С | - Blue 🗖 | 125-500 | 1.9 | 4.2 | 3 | 7.5 | 215 |
| HS8882A | 0 | Diue | 123-300 | 1.9 | 4.8 | 3 | 7.7 | 210 |
| HS8881B | С | | 250–1000 | 2 | 5.1 | 3.5 | 9 | 465 |
| HS8882B | 0 | - Blue 🗖 | | 2 | 5.1 | 3.5 | 9 | 490 |
| HS8881C | С | | 500-2000 | 2.1 | 5.4 | 3.9 | 9.8 | 595 |
| HS8882C | 0 | - Blue 🗖 | | 2.2 | 5.7 | 3.9 | 9.8 | 610 |
| HS8881D | С | | 1000 4000 | 2.6 | 6.6 | 4.4 | 11.3 | 890 |
| HS8882D | 0 | Blue | 1000-4000 | 2.8 | 7 | 4.5 | 11.5 | 935 |

*Weights may vary by +/- 3%

Sample Handling

Complete range of products and tools for gathering, weighing, and working with various types of samples



Pill Counting Trays Weigh Boats, Dishes, Papers Sampling Scoops Utensils: Spatulas, Forceps, Cell Spreaders, Loops & Picks

Pill Counting Trays

Counting trays that offer safety and convenience when counting pills and capsules

Intended for single use to prevent cross-contamination for batch sampling or distribution of pills and capsules

Safety

- Disposable to ensure no chemical cross-contamination for patient safety
- Made from FDA food grade polystyrene in an ISO Class 8 clean room
- Meets quality control and GMP requirements for manufacturing batch sampling _
- Durable and shatterproof trays constructed of inert, BSE/TSE free material -
- Lot traceable

Convenience

- Pour spout in corner for dispensing control
- Ergonomic spatula (length 6.9 in/17.6 cm)
- Available in both, sterile* and non-sterile for intended usage -



For round pills

For capsules from size 2 to 00

| Item No. | Description | L X W X H in | L x W x H cm | UOM |
|----------|--|------------------|-------------------|-----------------------------|
| 120845 | Pill Counting Tray Rectangular Sterile | 10.3 x 5.2 x 0.5 | 26.2 x 13.1 x 1.2 | Case 40; 4 x 10/Single Bagl |
| 120846 | Pill Counting Tray Rectangular Non-Sterile | 10.3 x 5.2 x 0.5 | 26.2 x 13.1 x 1.2 | Case 40; 4 x 10/Bulk |
| 120847 | Pill Counting Tray Triangular Sterile | 9.1 x 9.1 x 0.5 | 23.0 x 23.0 x 1.3 | Case 30; 3 x 10/Single Bag |
| 120848 | Pill Counting Tray Triangular Non-Sterile | 9.1 x 9.1 x 0.5 | 23.0 x 23.0 x 1.3 | Case 30; 3 x 10/Bulk |

Aluminum Weighing Boats & Dishes

Dishes for general-purpose weighing, dispensing, storage,

food processing, evaporating or drying

Aluminum 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

Aluminum Weighing Dish

 Designed for moisture determination balances with slightly tapered walls for stacking



| Item No. | Size | Dia. x H in | Dia. x H mm | Volume ml | Packaging |
|----------|--------|----------------|----------------|--------------|-----------|
| HS14521A | Small | 1.7 x 0.5 | 43 x 12 | 20 | 100 |
| HS14521B | Medium | 2.2 x 0.6 | 57 x 14 | 39 | 100 |
| HS14521C | Large | 2.8 x 0.6 | 70 x 16 | 50 | 100 |
| HS14522 | Large | 4 x 0.3 | 101 x 8 | 30 | 50 |

Weighing Papers

Smooth surface for good sample recovery

- Nitrogen-free
- Strong enough to support dense material





| | | Pack | of 500 |
|----------|-------|-------------|--------|
| Item No. | LxH | LxH | |
| | in | ст | |
| 120116 | 3 x 3 | 7.6 x 7.6 | |
| 120117 | 4 x 4 | 10.2 x 10.2 | |
| 120118 | 6 x 6 | 15.2 x 15.2 | |
| | | | |

56

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)
- Antistatic versions available making the boats nonreactive with most substances and suitable for weighing staticaffected samples
- Wide flat bottoms ensure stability and prevent tipping
- Rounded corners allow simple flexing for controlled pouring of liquid, powdered or granular samples
- Can be used with microwave moisture analyzers
- Made from FDA food grade polystyrene





Standard Weighing Boats

Sterile Weighing Boats

Ideal for applications where there is concern of cross contamination and 'clean' is a necessity in life science research, food, biopharmaceutical, environmental and molecular research environments

- Electron beam sterilized
- Lot number traceability for quality assurance
- Certificate of Sterility available upon request





Square Weighing Boats



Diamond Weighing Boats



Hexagonal Weighing Boats

Sample Handling

57

| Weigh Boats | | | | | | | Pack of |
|-------------|------------------------------|---------------------------------|-------|-------------|--------------|-----------------|-------------------|
| Shape | Regular Material Item No. | Antistatic Material Item No. | Color | Size | Volume mL | L x W x H in | L x W x H cm |
| | HS1420A | HS1420AA | White | | | | |
| | HS1421A | HS120222 | Blue | Small | 10 | 1.8 x 1.8 x .3 | 4.6 x 4.6 x .8 |
| Standard | HS1423A | HS1423AA | Black | | | | |
| | HS1420B | HS1420BB | White | | | | |
| | HS1421B | HS120223 | Blue | Medium | 85 | 3.4 x 3.4 x .9 | 8.5 x 8.5 x 2.4 |
| | HS1423B | HS1423BB | Black | | | | |
| HS1 | HS1420C | HS1420CC | White | | | | |
| | HS1421C | HS120224 | Blue | Large | 280 | 5.5 x 5.5 x .9 | 14 x 14 x 2.2 |
| | HS1423C | HS1423CC | Black | | | | |
| | _ | HS14251A | | Small | 6 | 1.5 x 1 x .4 | 3.8 x 2.5 x .9 |
| Hexagonal | _ | HS14251B | | Medium | 46 | 2.5 x 2 x .7 | 6.4 x 5.1 x 1.9 |
| | _ | HS14251C | White | Large | 194 | 4 x 3 x .9 | 10.2 x 7.6 x 2.2 |
| | _ | HS14251D | | X-Large | 364 | 5 x 3.5 x 1.2 | 12.7 x 8.9 x 3.1 |
| | HS1419A | HS120225 | | Small | 14 | 1.7 x 2.3 x .5 | 4.3 x 5.8 x 1.3 |
| Pour-boat | HS1419B | HS120226 | White | Medium | 137 | 3.3 x 5.2 x 1 | 8.3 x 13.2 x 2.6 |
| | HS1419C | HS120227 | | Large | 259 | 4.3 x 7.2 x 1 | 10.8 x 18.3 x 2.6 |
| Square | HS1422 | _ | White | Medium | 51 | 3.5 x 3.5 x .3 | 9 x 9 x .7 |
| | HS1424AA | HS1425AA | White | Orre e ll | F | 0.1 | 50.00.00 |
| | HS1427AA | HS1426AA | Black | Small | 5 | 2.1 x 1.3 x .2 | 5.3 x 3.3 x .6 |
| | HS1424A | HS1425A | White | Medium | 25 | 2.6 x 1.9 x .6 | 6.7 x 4.7 x 1.4 |
| Diamond | HS1427A | HS1426A | Black | weuluin | 20 | 2.0 X 1.9 X .0 | 0.7 X 4.7 X 1.4 |
| Diamonu | HS1424B | HS1425B | White | Lorgo | 30 | 21 4 2 2 4 6 | 70 4 5 6 4 1 4 |
| | HS1427B | HS1426B | Black | Large | 30 | 3.1 x 2.2 x .6 | 7.8 x 5.6 x 1.4 |
| | HS1424C | HS1425C | White | V Lorgo | 100 | 4.5 x 3.3 x 0.7 | 115 x 85 x 17 |
| | HS1427C | HS1426C | Black | X-Large | 100 | 4.0 X 3.3 X U./ | 112 X CO X 1/ |

| Sterile Weigh I | Sterile Weigh Boats | | | | | | | | | |
|-----------------|------------------------------|---------------------------------|---------|--------|--------------|-----------------|-----------------|--|--|--|
| Shape | Regular Material Item No. | Antistatic Material Item No. | Color | Size | Volume mL | L x W x H in | L x W x H cm | | | |
| Standard | — | 120880 | White | Small | 10 | 1.8 x 1.8 x .3 | 4.6 x 4.6 x .8 | | | |
| Standard | _ | 120710 | White 🗌 | Medium | 85 | 3.4 x 3.4 x .9 | 8.5 x 8.5 x 2.4 | | | |
| Hexagonal | — | 120881 | White | Small | 6 | 1.5 x 1 x .4 | 3.8 x 2.5 x .9 | | | |
| Hexagonal | _ | 120882 | White 🗌 | Medium | 46 | 2.5 x 2 x .7 | 6.4 x 5.1 x 1.9 | | | |

Micro Weighing Boats

Ideal for microbalance weighing and/or distribution of very small amounts of sampling material

Easy to Handle

- Large tabs make boats easy to use, position and hold, especially with forceps

Superb Sample Recovery

- Inert material enables the boat and contents to be added to solutions to aid 100% sample recovery, where protocols allow

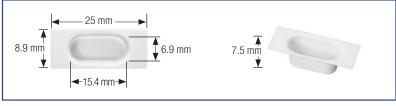
- Anti-static properties prevent sample retention from static electricity
- Small surface area reduces liquid sample evaporation

Micro Weigh Boats

| Item No. | Color | Dimensions in | Dimensions mm | UOM |
|----------|-------|------------------|------------------|--------|
| 120836 | White | .98 x 0.4 x 0.3 | 25 x 8.9 x 7.5 | 250/pk |

Made of Polystyrene

Food Grade Compliant



Actual size

Ideal for very small volume pipette calibration and checks and micro sampling



Easy to Handle Tabs

Forceps Corrugated handles and serrated tips

- ABS plastic

| * Forceps shown at actual size Pa | | | | | | |
|-----------------------------------|--------|--------------|--------------|----------|--|--|
| Item No. | Color | Length in | Length cm | Тір | | |
| HS15998C | Blue 🗖 | 4.4 | 11.1 | Straight | | |





| | | | | | | HS15909 |) |
|---|----------|--------------|-----------------|-----------------|----------------------|----------------------|--------|
| Spatulas Transfer, lift, and handle powders and granular | Item No. | End Type | End L x W in | End L x W mm | Overall Length in | Overall Length cm | Finish |
| materials | HS15906 | Flat | 1.2 | 30 | 6 | 15 | Glazed |
| | 191900 | Spoon | 0.5 x 0.2 | 12 x 4 | 0 | 15 | Glazeu |
| Made from nickel-plated, stainless steel wire | 11045007 | Round Flat | 2 x 0.3 | 50 x 8 | 77 | 10 5 | |
| Glazed spatula HS15906 has a Hayman-type end | HS15907 | Tapered Flat | 1.8 x 0.3 | 45 x 6.5 | 7.7 | 19.5 | Mirror |
| | 11015000 | Flat | 2 | 50 | 0.0 | 00 F | Minnen |
| 121° C | HS15909 | Spoon | 1.5 x 0.6 | 38 x 15 | 8.9 | 22.5 | Mirror |

Dual Purpose Scoops

Just scoop to retrieve, place on scale to weigh

Unique economical solution that combines the function of a scoop and a weigh boat into one, streamlining the process

- Made from anti-static polystyrene that is waterproof and reduces the chance of materials sticking to the scoop
- Ships and stores flat, easy to assemble for use
- Locking tab feature enables a scoop shape to help retain materials

120657

White

- Coated to stand up to powders, gels, and semi-solids







Small



5 x 2.5

12.7 x 6.3

Sampling Scoops

Our line of durable Sampling Scoops designed for easy sample retrieval of granules, powders and pastes

Available in multiple sizes and intended for single use to prevent contamination of bulk sample material

Durable Design

- Large, wide openings for easy sample retrieval
- Flat bottom to stabilize sample on scale or flat surface
- Lot traceable
- Shatterproof constructed of inert, BSE/TSE free material

Safe Sample Recovery

- Disposable to ensure no chemical cross-contamination
- Made from FDA food grade polystyrene in an ISO 8 Class clean room
- Meets quality control and GMP requirements for sampling
- Available in both, sterile* and non-sterile for intended usage
- *Electron beam sterilized and individually wrapped Certificate of Sterility available upon request







| Item No. | Description | Volume | L x W x H in | L x W x H mm | Sterile | UOM |
|----------|----------------------------------|-------------|-----------------|-----------------|--------------|------------------------------|
| 120858 | Small Sampling Scoop Non-Sterile | 60 mL/2 oz. | 8.1 x 1.6 x 1.1 | 205 x 40 x 27 | | Case 200; 20 x 10/Bulk |
| 120857 | Small Sampling Scoop Sterile | 60 mL/2 oz. | 8.1 x 1.6 x 1.1 | 205 x 40 x 27 | \checkmark | Case 200; 20 x 10/Single Bag |



| Medium S | Sampling Scoop | | | | | |
|----------|-----------------------------------|--------------|-----------------|---------------|---------|------------------------------|
| Item No. | Description | Volume | L x W x H in | L x W x H | Sterile | UOM |
| 120856 | Medium Sampling Scoop Non-Sterile | 125 mL/4 oz. | 8.6 x 1.9 x 1.3 | 218 x 49 x 38 | | Case 200; 20 x 10/Bulk |
| 120855 | Medium Sampling Scoop Sterile | 125 mL/4 oz. | 8.6 x 1.9 x 1.3 | 218 x 49 x 38 | ~ | Case 200; 20 x 10/Single Bag |





Large Sampling Scoop

| Item No. | Description | Volume | L x W x H in | L x W x H mm | Sterile | UOM |
|----------|----------------------------------|--------------|-----------------|-----------------|--------------|------------------------------|
| 120854 | Large Sampling Scoop Non-Sterile | 250 mL/8 oz. | 7.7 x 2.3 x 1.7 | 195 x 58 x 44 | | Case 200; 20 x 10/Bulk |
| 120853 | Large Sampling Scoop Sterile | 250 mL/8 oz. | 7.7 x 2.3 x 1.7 | 195 x 58 x 44 | \checkmark | Case 200; 20 x 10/Single Bag |



| XLarge Sa | | | | | | |
|-----------|-----------------------------------|---------------|------------------|-----------------|--------------|------------------------------|
| Item No. | Description | Volume | L x W x H in | L x W x H mm | Sterile | UOM |
| 120852 | XLarge Sampling Scoop Non-Sterile | 500 mL/16 oz. | 10.0 x 3.6 x 2.1 | 255 x 92 x 53 | | Case 200; 20 x 10/Bulk |
| 120851 | XLarge Sampling Scoop Sterile | 500 mL/16 oz. | 10.0 x 3.6 x 2.1 | 255 x 92 x 53 | \checkmark | Case 200; 20 x 10/Single Bag |

Inoculating Needle/Loops Combination provides choice to spread

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
- Lot-to-lot traceability





| Item No. | Color | Material | Loop μL | L x D in | L x D cm | Packaging 1,000 per Box | Sterile |
|----------|-------|-------------|-------------------|-------------|-------------|----------------------------|---------|
| HS81121A | Blue | Flexible PP | 1 | 7.9 x .2 | 20 x .4 | 50 x 20pk | |
| HS81121B | | Rigid ABS | I | | 20 X .4 | | v |
| HS81121C | | Flexible PP | 10 | 7.9 x .2 | 20 x .4 | 50 x 20pk | / |
| HS81121D | Blue | Rigid ABS | 10 | 1.9 X.Z | 20 X .4 | | • |



| Item No. | Shape | L x W x H in | L x W x H cm | Packaging | Sterile |
|----------|-----------------|-----------------|-----------------|-------------------|--------------|
| HS8151 | Delta™ | 6.8 x 1.5 x .2 | 17.2 x 3.7 x .4 | 500/Single Wrap | \checkmark |
| HS8171A | | 5.7 x 1.5 x .2 | 14.6 x 3.8 x .4 | 500/Single Wrap | \checkmark |
| HS8171B | L-Shape | J.7 X 1.J X .Z | 14.0 X 3.0 X .4 | 500, 50 x 10 Pack | \checkmark |
| HS86655 | Stainless Steel | 8 x 1.3 x .2 | 20.3 x 3.3 x .4 | 1/Single Wrap | |

Need help counting cells?

For accurate cell counts, check out our Digital and Manual cell counting solutions



Petri Dish Dispenser

- Sturdy acrylic holds up to 30 x 100 mm dishes in two easy-access partitions
- Set on counter or wall mount with included hardware

| Item No. | L x W x H | L x W x H |
|----------|-----------------|--------------------|
| | in | ст |
| HS23452 | 8.7 x 4.2 x 9.3 | 22.2 x 10.7 x 23.6 |





Tubes & Vials

Reliable sample storage



Micro & Conical Centrifuge Tubes Screw-top Tubes Cryogenic Vials

Micro & Conical Centrifuge Tubes

Available in natural and pure black for light sensitive samples

Microcentrifuge Tubes: 0.2, 0.5 and 1.5 mL (a-d)

- 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



Certified DNase, RNase & Pyrogen Free (a, b, c only)



Microcentrifuge Tubes

| | Item No. | Color | Vol. | Outer Dimension | Closed Height | Graduations | Max RCF | Packaging |
|---|----------|---------|------|-----------------|---------------|------------------|------------|------------|
| | | | mL | mm | mm | mL | Rating | |
| а | HS4423 | Natural | 0.2 | 6.9 | 22.2 | None | 15,000 x g | 1,000/Bulk |
| b | HS4422 | Natural | 0.5 | 10.1 | 31.7 | 0.1, 0.3, 0.5 | 15,000 x g | 1,000/Bulk |
| С | HS4323 | Natural | 1.5 | 10.8 | 39.0 | 0.1, 0.5, 1 | 16,400 x g | 500/Bulk |
| С | HS4325 | Natural | 1.5 | 10.8 | 39.0 | 0.1, 0.5, 1 | 16,400 x g | 1,000/Bulk |
| d | HS4323K | Black | 1.5 | 10.2 | 40.6 | 0.1, 0.5, 1, 1.5 | 18,000 x g | 500/Bulk |

Conical Centrifuge 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)
- Recyclable chipboard used for the racked versions, making them more environmentally friendly



Conical Centrifuge Tubes





Certified DNase, RNase & Pyrogen Free (f & h)

| | Item No. | Color | Vol. mL | Outer Dimension | Closed Height mm | Graduations mL | Max RCF Rating | Packaging 500 per Case |
|---|----------|---------|------------|-----------------|---------------------|-------------------|-------------------|---------------------------|
| 0 | HS4426B | Natural | 15 | 17 | 120 | 0.5 | 11,000 x g | Bulk/10 x 50pk |
| е | HS4426R | Natural | 15 | 17 | 120 | 0.5 | 11,000 x g | Rack/10 x 50pk |
| f | HS4428 | Black | 15 | 17 | 120 | 0.5 | 9,400 x g | Bulk/10 x 50pk |
| ~ | HS4427B | Natural | 50 | 29 | 114 | 5.0 | 9,500 x g | Bulk/20 x 25pk |
| y | HS4427R | Natural | 50 | 29 | 114 | 5.0 | 9,500 x g | Rack/20 x 25pk |
| h | HS4429 | Black | 50 | 29 | 114 | 5.0 | 9,400 x g | Bulk/20 x 25pk |
| i | HS4427S | Natural | 50 | 29 - skirted | 114 | 5.0 | 9,500 x g | Bulk/20 x 25pk |

500/Bulk

Screw-top Tubes with O-ring Cap Safer long-term storage - Screw-on polypropylene lids with TPE O-ring (white) Clear polypropylene tubes provide excellent view of samples -- Skirted, self-standing base makes filling and retrieval easy Frosted TPE 0-ring Non-sterile writing area to create an excellent seal for secure storage AUTOCLAVABLI LOW TEMP -45° C **Closed Height Max RCF Rating** Item No. Color Vol. **Outer Dimensions** Graduations Packaging тL тт

47.1

тL

0.5, 1, 1.5

18,000 x g

тт

13.3

2.0

HS10060

Natural

| Cryogen Innovative | design saves sp | p ace in your fre Printed writing area a | | Patented easy-grip face | | | | | | |
|---|--|--|---------------|---|---------------|------------------------|----------------|------------------------------|-----------------|--|
| polypropyler - Silicone lid s lid with ergo 1.5 twist to | ne g seal & patented - F nomic r | raduations Recommended for nechanical freezers a rapor phase LN ₂ (-19 | and | Internal Th Writing Are & Graduatio | a | | Sterility Cert | ificate rtotoxic, DNase/F | Nase-free vials | |
| | | | | | US | Patent No. D595,42 | 24 | | | |
| Item No. | Color | Vol. mL | Packaging | Outer Dim. mm | Grad. mL | Closed Height | | | | |
| | Assorted | 2.0 | 500/50 x 10pk | 12 | 12 | 49 | | | | |
| | | | | *Assorted co | lors: Blue, R | ed, Green, Purple, Gre | 9y | | | |

Explore our Tube Racks & Storage Products

Largest and most innovative portfolio in the Industry



Pop-Up Tube Racks, Page 82

Microtube Storage Boxes, Page 94

Cube Tube Rack, Page 76

Tube Racks & Storage

Classic, adaptable, interlocking racks and everything in between



PCR & Microtube Adaptable & Multi-Tube Classic Single Racks

We like to push boundaries

We make new and better ways of lab work possible by supplying everyday lab-ware and equipment that solve problems, improves productivity, and saves space.



We strive to create versatile, adaptable and multi-functional products that deliver value.



With a spectrum of colors and modern styles, our products stimulate the mind.



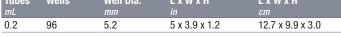
PCR Tube Racks 96-Well

Perfect for pre- or post-PCR sampling

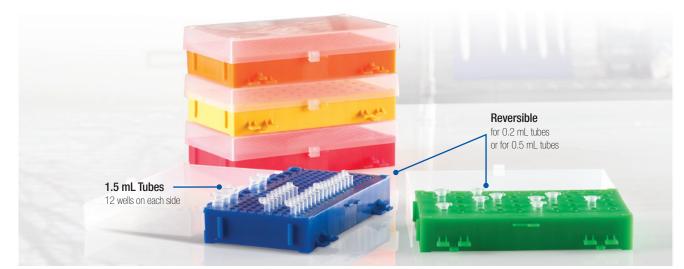
- Made of polypropylene
- Accommodates individual tubes or strips
- Removable hinged lid lies flat
- Alphanumeric identification for quick location and retrieval of tubes



| | | | | Pack of 5 |
|----------|-----------|---------------|-------------------------------|-------------------|
| Item No. | Color | | Item No. | Color |
| HS23461A | Assorted* | | HS23461C | Blue |
| HS23461B | Natural | | HS23461D | Green |
| | | *Assor | ted colors (Blue, Green, Pink | , Yellow, Orange) |
| Tubes V | Vells V | Vell Dia. L x | WxH LxW | K H |
| | | | | |







Item No.

HS2344A

Color

Tubes

тL

0.2

0.5

1.5/2.0

Wells

168

40

12

PCR Tube Racks Reversible

Removable hinged lid fits both sides

- Made of polypropylene
- 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



Engineering, OEM & Industrial Design

- We have in-house product engineering and R&D teams that are dedicated to delivering quality, innovative, efficient, and compact solutions that customers can rely on.
- We have a range of capabilities from private labeling to product development, design, packaging and manufacturing.



Well Dia.

тт

5.5

7.6

11.4

Pack of 5

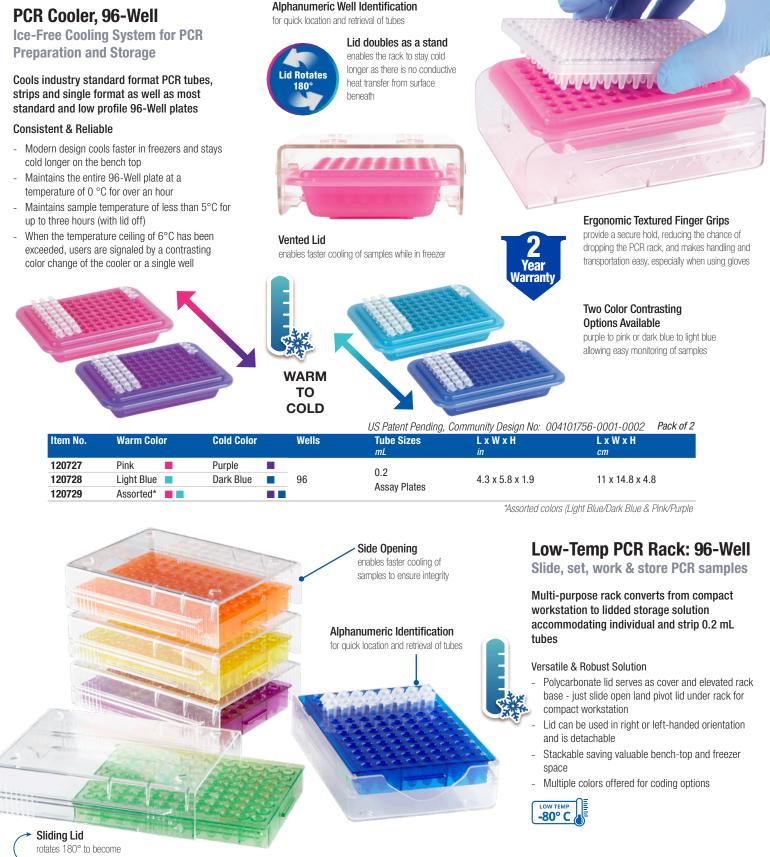
LxWxH

8.1 x 5.2 x 2.1

(20.6 x 13.1 x 5.3)

in (cm)

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



 \rightarrow a convenient stand the rack sits on

Ite

12(12(

| | US Patent Pendi | ng, Community Desigi | n No: 004101756-000 | 1-0002 | Pack of 5 |
|--------|-----------------|----------------------|---------------------|--------|-----------|
| em No. | Color | | Item No. | Color | |
| 0538 | Assorted* | | 120540 | Green | |
| 0539 | Blue | | 120541 | Purple | |

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

96 5.2 4.9 x 3.6 x 1.5 12.5 x 9.2 x 3.7

LxWxH

LxWxH

Well Dia.

Tubes

0.2

Wells



Tabs on each end of rack snap lid into place Molded Grid Lines

0.5 mL wells separated by molded-in grid lines, making them easier to see

of 5

Raised Rings

around the 1.5 to 2.0 mL wells make tubes easier to remove



Reversible Tube 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

Optimum Function & Identification

- Wells arranged in standard 8 x 12 array
- Molded in-grid lines separate 0.5 mL wells making them easier to see
- Raised rings around the 1.5 mL/2.0 mL wells make tubes easier to remove
- Alphanumeric identification for quick location and retrieval of tubes

Secure lid

- Translucent lid snaps onto rack tabs for secure, visible storage
- Spacious enough to fit most screw-top micro-centrifuge tubes
- Stackable, saving valuable space



Two Tier Microtube Rack 20-Well

Interlock multiple racks to increase tube storage

Improved Experience

- Tiered rack allows for improved staging and visibility for easier, more accurate sample filling and retrieval
- Made of easy to clean polypropylene
- Easily remove tubes using finger slot on front of the rack
- Embossed Index Numbers for quick sample ID and retrieval

| | - |
|--------------|----------|
| AUTOCLAVABLE | IE |
| 1210 C | |
| | 5 |
| | ۵ |

| | | | | | | Pack of 6 |
|----------|-------|-------------|-------|-----------------|-----------------|-----------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
| | | 1.0 | | | | |
| HS4284A | Blue | 1.5 | 20 | 10 | 8.3 x 3.5 x 2 | 21.1 x 9 x 5 |
| | | 2.0 | - | | | |

| 121 | 121° C | | | | | | | | |
|--------|--------|-----------|--|------------------|---------------|--------------|--------|--|--|
| | | y | | | | | Pack | | |
| Item I | Vo. | Color | | | Item No. | Color | | | |
| HS234 | 45A | Assorted* | | | HS2345D | Green | | | |
| HS23 | 45B | Natural | |] | HS2345E | Pink | | | |
| HS23 | 45C | Blue | | ĺ | HS2345F | Yellow | | | |
| | | | | *Assorted colors | (Blue, Green, | Yellow, Orar | ige, P | | |
| | | | | | | | | | |

| Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
|-------------|-------|-----------|-----------------|-----------------|
| 1.5/2.0 | 06 | 11 | 06×47×0 | 04.4 × 10 × 5 1 |
| 0.5 | - 96 | 7.6 | 9.6 x 4.7 x 2 | 24.4 x 12 x 5.1 |

Rota-Rack[®] Duo Tube Rack

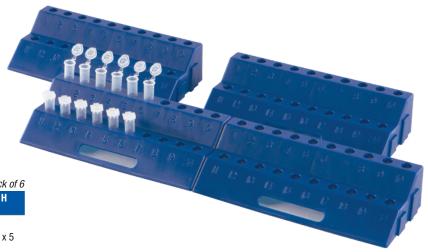
Dilution and concentration studies made easy

Transfer solutions between 0.2 mL PCR $\,$ tubes and 0.5 and 1.5 mL microcentrifuge tubes $\,$

- Purple section holds 48 x 0.5 mL and 48 x 1.5/2.0 mL microcentrifuge tubes on the reverse side
- Blue section holds 96 x 0.2 mL tubes and 48 x 1.5/2.0 mL tubes on the reverse side

| AUTOCLAVABLE | |
|--------------|----|
| 121° C | I. |

| Item No. | Color | | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|-----------------|---|--------------------|-------|--------------------|--------------------------------|-------------------|
| HS29041A | Blue/ Purple | - | 0.2 | 96 | 5 | 11.6 x 4.6 x 1.3 29.6 x 11.8 x | |
| | | | 0.5 | 48 | 8 | | 29.6 x 11.8 x 3.4 |
| | | | 1.5/2.0 | 96 | 11 | | |



Microtube Racks 80-Well

Popular fraction-collector-plate style rack

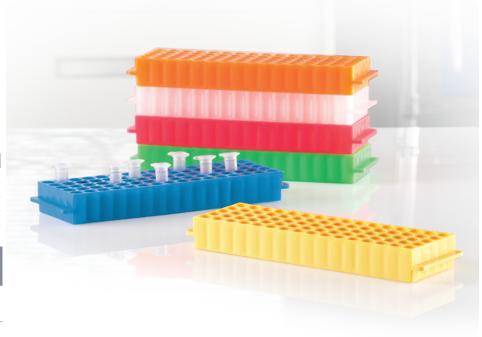
Compact 5x16 array makes filling and transfer easy

- Frosted labeling area on bottom of rack
- Embossed index numbers for quick sample ID and retrieval
- _ Made of polypropylene



| | | | | | | | Pack of 5 |
|-------------|---------|-----------|-------------|-------------|--------|-----------|---------------|
| Item No. | Color | | Part No | | Color | | |
| HS29025A | Natural | | HS2902 | 5E | Yellow | | - |
| HS29025B | Blue | | HS2902 | 5F | Orang | е | |
| HS29025C | Green | | HS2902 | 5G | Assort | ed* | |
| HS29025D | Pink | | HS2902 | 5J | Red | | |
| | | *Asso | rted colors | s (Blue, | Green, | Yellow, | Orange, Pink) |
| Tubes mL | Wells | Wel mm | l Dia. | L x W in | X H | LxV cm | N x H |

| 1.5/2.0 | 80 | 11 | 8.9 x 2.6 x 1 | 22.5 x 6.7 x 2.8 |
|---------|----|----|---------------|------------------|





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
- Plenty of room to slide the racks in and out

| Item No. | Description | Color | L x W x H in | L x W x H cm |
|----------|-------------|-------|------------------|--------------------|
| HS23263A | Vertical | Clear | 6.2 x 9.3 x 9.2 | 15.7 x 23.6 x 23.4 |
| HS23263B | Horizontal | Clear | 12.2 x 9.3 x 4.8 | 31 x 23.6 x 12.2 |

Microtube Racks

Durable, Simple to Use

- Made from reinforced nylon offering superior chemical and heat-resistance over most other plastic based racks
- Handles provide easy and safe transportation
- Stable design can be used in water baths
- Alphanumeric identification for quick location and retrieval of tubes

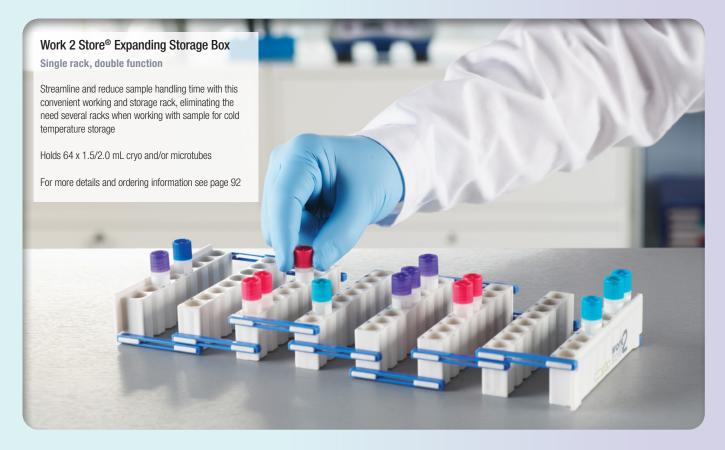


| Item No. | Color | Tubes mL | Wells | Well Dia. mm | Packaging | L x W x H in | L x W x H cm |
|----------|--------|-------------|---------|-----------------|---------------|-----------------|-----------------|
| 120241 | — Blue | 1.5/2.0 | 24 11.1 | 8 | 5.6 x 3.5 x 2 | 14.3 x 9 x 5.2 | |
| 120243 | Dide | 1.3/2.0 | 96 | - 11.1 | 4 | 8.3 x 5.2 x 2.1 | 21 x 13.1 x 5.4 |

| L x W x H cm | |
|-----------------|--|
| 14.3 x 9 x 5.2 | |
| 21 x 13.1 x 5.4 | |
| | |

Tube Racks & Storage

Learn more about our convenient multi-functional working rack solutions:



TracRack® Tube Rack

Take what you need and store the rest

Comprised of a storage box and eight removable tube segments allowing you to easily take what you need an entire segment or individual sample - and store the rest!

Convenient Rack System

- Eight polypropylene segments hold 1.5/2.0 mL cryo and microcentrifuge tubes (64 tubes)

For more details and ordering information see page 93

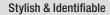
| | 1 | _ | _ | | 1 | _ | | | - |
|-----|----|----|----|----|----|----|----|----|------|
| 10 | 2A | зА | 4A | 5A | 6A | 7A | 8A | 9A | 10.4 |
| 1E | 2B | 3B | 4B | 58 | 68 | 7B | 8B | 9B | 10B |
| 10 | 2C | зС | 4C | 5C | 6C | 7C | 8C | 9C | 10C |
| 10 | 2D | 3D | 4D | 5D | 6D | 7D | 8D | 9D | 10D |
| 1E | 2E | 3E | 4E | 5E | 6E | 7E | 8E | 9E | 10E |
| 1F | 2F | ЗF | 4F | 5F | 6F | 7F | 8F | 9F | 10F |
| 1G | 2G | 3G | 4G | 5G | 6G | 7G | 8G | 9G | 10G |
| 1H | 2H | зн | 4H | 5H | 6H | 7H | 8H | 9H | 10H |
| 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 101 |
| UĽ. | 2J | ЗJ | 4J | 5J | 6J | 7J | 8J | 9J | 100 |

Microtube Storage Boxes

- Hold 1.5 and 2.0 mL microcentrifuge tubes and cryogenic vials







- Made of translucent, vibrantly colored polypropylene allows for visibility inside box and color coding identification
- Tube capacity is indicated on the outside the box within a distinctive wave design
- Quick visual identification with uniform wells and alphanumeric location identification along with a frosted labeling area

Robust

- Easy open and secure lid fitted with either friction fit or snap clasp designs
- Stackable, saving valuable space in the lab

50-Well Microtube Storage Boxes

| | | | C | Pack of 5 |
|-------------|-----------|-----------|------------------------------|-----------------------------|
| Item No. | Color | | | |
| 120032 | Natural | | | |
| 120033 | Assorted* | | | |
| | | | *Assorted colors (Blue, Gree | en, Purple, Yellow, Orange) |
| Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| 1.5/2.0 | 50 | 12.3 | 5.6 x 3.6 x 2.2 | 14.2 x 9.2 x 5.6 |



| ltem No. | Color | Item No. | Color | |
|----------|---------|----------|-----------|---|
| 120034 | Natural | 120038 | Yellow | _ |
| 120035 | Blue | 120039 | Orange | |
| 120036 | Green | 120040 | Assorted* | |
| 120037 | Pink | 120041 | Black | |

| Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm | |
|-------------|-------|-----------|-----------------|-----------------|--|
| 1.5/2.0 | 81 | 12.3 | 5.1 x 5.1 x 1.9 | 13 x 13 x 4.7 | |

100-Well Microtube Storage Boxes

- Black, light blocking version available for light sensitive samples

| - Black, ligi | nt blocking vers | ion available for | light sensitive sam | iples | Pack of 5 |
|---------------|------------------|-------------------|-------------------------|-----------|-----------------------|
| Item No. | Color | | Iten | n No. | Color |
| 120042 | Natural | | 120 | 202 | Green |
| 120043 | Black | | 120 | 203 | Yellow |
| 120044 | Assorted* | | 120 | 204 | Orange 📃 |
| 120201 | Blue | | | | |
| | | *Assorted | l colors (Purple, Blue, | Green, Y | 'ellow, Orange, Pink) |
| Tubes mL | Wells | Well Dia. mm | L x W x H in | L x cm | WxH |
| 1.5/2.0 | 100 | 12.3 | 5.6 x 6 x 2.2 | 14. | 1 x 15.1 x 5.7 |



75

Rota-Rack® Tube Racks

Get organized with this interlocked rack

Each module is interlocked and adjustable with just a twist allowing you to work with multiple sized tubes in the same rack

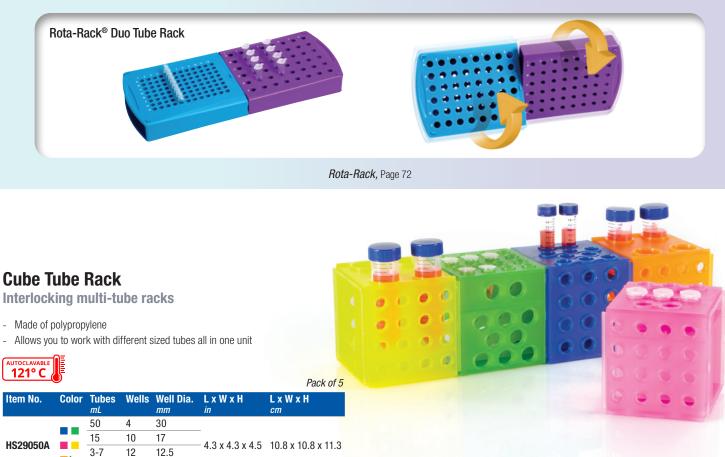
- Suitable for variety of culture, centrifuge, micro-centrifuge, round, flat or conical bottomed tubes
- Two versions to accommodate small and large tube sizes



| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------|--------|-------------|-------|-----------|-------------------------------|--------------------------|
| | Yellow | 50 | 2 | 29 | | |
| HS29040A | Green | 10-15 | 8 | 20 | - 8.8 x 4.3 x 4.3 22.4 x 11 x | 00 / v 11 v 11 |
| N329040A | Blue | 15-20 | 6 | 16 | | 22.4 X 11 X 11 |
| | Purple | 10-13 | 10 | 13.5 | | |
| | Yellow | 15 | 6 | 16.4 | | |
| HS29040B | Green | 1.5/2.0 | 9 | 11.2 | 8.2 x 3.9 x 3.9 21 x 10 x 10 | $01 \times 10 \times 10$ |
| N929040D | Blue | 0.5 | 12 | 8 | | 21 X 10 X 10 |
| | Purple | 0.2 | 32 | 6.5 | | |



Version available for PCR and Microtubes:



1.5/2.0 16 11.5 *Assorted colors (Blue, Green, Pink, Yellow, Orange)

77



Check out our Clinical Version

Accommodates all brands of 13 and 17 mm round, flat and conical bottom blood collection & culture tubes



Clinical 4-Way Tube Rack, Page 38



Unique Well Design Tear drop shape allows

for better retention of

tubes

OneRack® Multi

Exclusive design, optimal functionality

The most flexible tube rack designed for use with a multitude of tube diameters and heights

Holds virtually any brand tube 10-30 mm of varying heights

Multiple Configurations for Workflow Efficiency

- Interchangeable tube rack inserts hold multiple tube sizes firmly in place when alternating between sample vessels
- Inserts can be pivoted in either an upper or lower position to securely accommodate the size and height of tube being used

Multi-Functional Design

- Open design allows for better filling visibility of tube graduations when filling
- Rack wells have a unique teardrop design that enables better retention of tubes over traditional designs
- Rotate tube rack insert to an angle position to facilitate more comfortable pipetting



Included: 1 Base + 6 Tube **Rack Inserts**

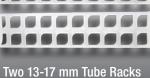
Angled position for more comfortable pipetting Alphanumeric grid for quick sample identification and retrieval

Ergonomic handles for ease of transporting the rack

Lower position is ideal height when working with shorter microcentrifuge tubes



5 mL, 7.5 mL, 10 mL Tubes



Fits 5 mL, 15 mL Tubes



Two 25-30 mm Tube Racks Fits 25 mL, 50 mL Tubes

US Patent No. 9776188

OneRack® Multi

| Item No. | Color | L x W x H in | L x W x H cm | # Inserts Included | Well Dia./Insert | Wells/Insert |
|----------|--------------------|-----------------|-------------------|--------------------|------------------|--------------|
| | | | | 6 (2 ea/ | 13 mm | 20 |
| 120817 | Blue/Natural 📃 🗌 | 12.2 x 4.2 x 3 | 30.9 x 10.7 x 7.7 | Diameter) – | 17 mm | 20 |
| | | | | Diameter | 30 mm | 6 |
| | | | | 6 (2 cc/ | 13 mm | 20 |
| 120818 | Purple/Natural 🔳 🗌 | 12.2 x 4.2 x 3 | 30.9 x 10.7 x 7.7 | 6 (2 ea/ – | 17 mm | 20 |
| | - | | | Diameter) | 30 mm | 6 |



_

_

_ _

Adapt-a-Rack® Adaptable Multi-tube Rack

Each well has fingers that flex that adapt to accommodate a variety of tubes sizes while holding them in a firm upright position

- Made of POM
- Racks can be linked together for additional 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













| e | |
|---|--|
| | |

Pack of 2

| | /Green | Green/Blue | |
|---------------------|----------|----------------|--|
| 120185 Blue | | GIEEII/DIUE | |
| | /Yellow | Yellow/Blue | |
| 120186 Pink | /White | White/Pink | |
| 120187 Blue | /Blue | Blue/Blue | |
| 120188 Whit | te/White | White/White | |
| 120189 Pink | /Pink | Pink/Pink | |
| 120190 Yello | w/Yellow | Yellow/Yellow | |
| 120191 Gree | en/Green | Green/Green | |

| Tubes | Wells | Well Dia. | L x W x H | L x W x H |
|-------|-------|-----------|---------------|------------------|
| mL | | mm | in | cm |
| 7–50 | 4 | 12–30 | 7.1 x 2.2 x 3 | 18.1 x 5.6 x 7.6 |

Looking for floating racks for use in water or ice baths:



Floating Tube & Microtube Racks, Page 89

One-Well Connecting Tube Racks

Form a line or use as a single, stand-alone polypropylene rack

- Open Design enables easy identification of samples
- Molded circular base ring keeps conical or round-bottom tubes in place

| - WOULEU C | ircular base filly k | ular base fing keeps conical of found-bottom tubes in place | | | | |
|------------|----------------------|---|-------|-----------|-----------------|-----------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| HS23052 | •••• | 50 | 1 | 29 | 3.2 x 2.8 x 2.6 | 8.3 x 7 x 6.7 |

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



One-Well Friction-Fit Tube Rack

- Made from polystyrene
- Open Design enables easy identification of samples
- Holds conical and round bottom tubes
- Slides smoothly across the benchtop

One-Well Wire Tube Rack

- HDPE-coated steel wire
- Holds conical and round bottom tubes
- Open Design enables easy identification -
- of samples - Base ring keeps tubes in place





| LOW TEMP |
|----------|
| -40° C |
| |

| One-Well | Frictio | n-F | it Tube | Rack | | | Pack of 5 |
|----------|---------|-----|-------------|-------|-----------------|-------------|-------------|
| Item No. | Color | | Tubes mL | Wells | Well Dia. mm | W x H in | W x H cm |
| HS23053A | Blue | | 50 | 1 | 29 | 3.6 X 1.2 | 9.2 x 3 |

One-Well Wire Tube Rack

| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|--------|-------------|-------|-----------------|-----------------|-----------------|
| HS23051 | Yellow | 50 | 1 | 29 | 3.5 x 2.6 x 2.6 | 9 x 6.7 x 6.7 |





Snap-Together Conical Tube Rack

Space Saver - shipped flat and easy-to-assemble

Conveniently holds 15 and 50 mL tubes simultaneously

- ABS racks snap together securely and are designed for stable use in water baths
- Alphanumeric identification for quick location and retrieval

| Item No. | Color | Tubes mL | Wells | Well Dia. | LxWxH in (cm) |
|----------|----------|-------------|-------|-----------|-------------------|
| HS24306 | Orange | 15 | 30 | 17 | 8.1 x 6.7 x 2.4 |
| N324300 | Urange 📕 | 50 | 20 | 28 | (17.1 x 17 x 6.1) |



Adjustable Twist the knob to adjust the well sizes for your tubes

Universal Tube Rack

Ideal for holding a wide range of tubes

- Made of polypropylene
- Holds up to 12 similar size tubes
- Alphanumeric identification for quick location and retrieval of tubes

Fits

25 mL

Conical

Tubes

- Side handles for easy transport

| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|--------------|--------------------|-------|-----------------|-----------------|-----------------|
| HS24330A | White/Purple | 15–50 | 12 | 16–30 | 7.6 x 5.5 x 2 | 19.4 x 14 x 5.1 |

14

13

12

13

12

Pop-Up Tube Racks

Collapse for compact storage and "pop-up" for quick use

Designed to save space!

- Easy to open, holds 15 and 50 mL tubes
- Easy to close, stackable for compact storage
- Alphanumeric well identification for quick location and retrieval of samples

| | | | | Pack of 2 |
|----------------------------|-----------------------------|----------------------------|--------|-----------------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. mm |
| HS24320B | Blue | 15 50 | 01 10 | 17.20 |
| HS24320P | Pink 📃 | 15, 50 | 21, 12 | 17, 30 |
| HS24318 | Purple | 15 | 45 | 17 |
| HS24319 | Green | 50 | 18 | 30 |
| L x W x H (Expanded) in | L x W x H (Collapsed) in | L x W x H (Expanded) cm | | L x W x H (Collapsed) cm |
| 10 x 5.4 x 2.8 | 10 x 5.4 x 0.8 | 25.5 x 13.7 x | 7.2 | 25.5 x 13.7 x 2.1 |

Save Space

Rack easily "Pops" open for easy use









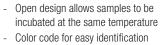
Easy to assemble Just fold and snap together!

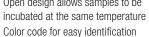
Fold and Snap Tube Rack

Economical durable rack

- Polypropylene racks ship flat in one piece
- Easy-to-assemble, just fold and snap Color code for easy identification together
- Stable design can be used in water _ baths







60-Well



| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|-----------|--------|-------------|-------|-----------------|-----------------|-------------------|
| HS243073B | Blue | | | | | |
| HS243073W | White | 5–10 | 90 | 13 | 9.6 x 4.1 x 2.4 | 24.5 x 10.5 x 6.3 |
| HS243073R | Red | 5-10 | 90 | 15 | 9.0 X 4.1 X 2.4 | 24.5 X 10.5 X 0.5 |
| HS243073Y | Yellow | | | | | |
| HS243077B | Blue | | | | | |
| HS243077W | White | E 15 | 60 | 16 | 9.6 x 4.2 x 2.8 | 24.5 x 10.8 x 7.2 |
| HS243077R | Red | | 60 | 10 | 9.0 X 4.2 X 2.0 | 24.5 X 10.6 X 7.2 |
| HS243077Y | Yellow | | | | | |
| HS243071B | Blue | | | | | |
| HS243071W | White | | 40 | 20 | 9.8 x 4.2 x 2.8 | 24.9 x 10.8 x 7.2 |
| HS243071R | Red | 5-30 | 40 | 20 | 9.0 X 4.2 X 2.0 | 24.9 X 10.8 X 7.2 |
| HS243071Y | Yellow | | | | | |

40-Well



OneRack® Tube Rack

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

Durable racks are molded in a single, continuous piece so no assembly required and no detachable pieces

Intuitive Design

- Unique tear drop shaped openings offer better retention of tubes
- Flat labeling area for easier identificationStable design for use with water baths
- Molded in coordinates for tube orientation

Available in two materials:

Fiberglass-Reinforced Polyoxymethylene (POM)

- Available in half and full rack sizes for 5 different tube diameters
- Offers the highest chemical and heat resistance (-40 to +121°C)

Polypropylene

- Available in full rack sizes for 2 different tube diameters
- Offers good chemical and heat resistance (0 to 110°C)

| OneRack [®] | Full Size | | | | | |
|----------------------|-----------|------|-------------|-------|-----------|----------------------|
| Item No. | Color | PUIV | Tubes mL | Wells | Well Dia. | L x W x H in (cm) |
| HS27511A | White | | | | | |
| HS27511B | Blue | | - | | | 7.9 x 4 x 2.3 |
| HS27511C | Green | | 5–10 | 72 | 13 | (20.2 x 10.4 |
| HS27511D | Magenta | | - | | | x 5.9) |
| 120205 | Yellow | | | | | |
| HS27512A | White | | | | | |
| HS27512B | Blue | | | | | 9.8 x 5 x 2.7 |
| HS27512C | Green | | 5–10 | 72 | 16 | |
| HS27512D | Magenta | | - | | | (25 x 12.7 x 7) |
| 120206 | Yellow | | | | | |
| HS27513A | White | | | | | 9.9 x 3.9 x 3.2 |
| HS27513B | Blue | | 10–18 | 40 | 20 | |
| HS27513C | Green | | 10-10 | 40 | 20 | (25.2 x 10 x |
| HS27513D | Magenta | | - | | | 8.3) |
| HS27514A | White | | | | | |
| HS27514B | Blue | | 10–18 | 40 | 25 | 11.8 x 4.7 x 3.6 |
| HS27514C | Green | | 10-10 | 40 | 20 | (30 x 12 x 9.2) |
| HS27514D | Magenta | | | | | |
| HS27515A | White | | | | | |
| HS27515B | Blue | | _ | | | 11.1 x 4.3 x 3.3 |
| HS27515C | Green | | 15–50 | 24 | 30 | (28.2 x 11 x |
| HS27515D | Magenta | | - | | | 8.5) |
| 120207 | Yellow | | - | | | |

| OneRack® | Half-Size | PON | Λ | AUTOCL | | -40° C |
|----------|-----------|-----|-------------|--------|-----------|----------------------|
| Item No. | Color | | Tubes mL | Wells | Well Dia. | L x W x H in (cm) |
| HS27501A | White | | | | | |
| HS27501B | Blue | | - | | | 4.1 x 4.1 x 2.3 |
| HS27501C | Green | | 5–10 | 36 | 13 | |
| HS27501D | Magenta | | | | | (10.4 x 10.4 x 5.9) |
| 120398 | Yellow | | - | | | |
| HS27502A | White | | | | | |
| HS27502B | Blue | | - | | | 5 x 5 x 2.7 |
| HS27502C | Green | | 5–10 | 36 | 16 | |
| HS27502D | Magenta | | - | | | (12.7 x 12.7 x 7) |
| 120399 | Yellow | | - | | | |
| HS27503A | White | | | | | |
| HS27503B | Blue | | - 10–18 | 20 | 20 | 4 x 5 x 3.2 |
| HS27503C | Green | | 10-18 | 20 | 20 | (10 x 12.7 x 8.3) |
| HS27503D | Magenta | | - | | | |
| HS27504A | White | | | | | |
| HS27504B | Blue | | 10 10 | 16 | 05 | 4.7 x 4.8 x 3.6 |
| HS27504C | Green | | 10–18 | 16 | 25 | (12 x 12.2 x 9.2) |
| HS27504D | Magenta | | - | | | |
| HS27505A | White | | | | | |
| HS27505B | Blue | | 15 50 | 0 | 20 | 4.3 x 4.3 x 3.3 |
| HS27505C | Green | | 15–50 | 9 | 30 | (11 x 11 x 8.5) |
| HS27505D | Magenta | | - | | | |

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OneRack[®] Full-Size Polypropylene

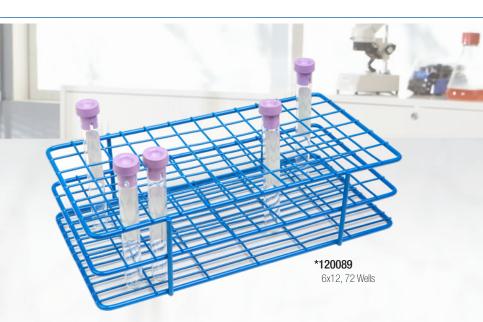
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in (cm) |
|----------|---------|-------------|-------|-----------|----------------------|
| HS27551A | White | | | | |
| HS27551B | Blue | 5–10 | 70 | 13 | 7.9 x 4 x 5.9 |
| HS27551C | Green | 5-10 | 12 | 15 | (20.2 x 10.4 x 5.9) |
| HS27551D | Magenta | - | | | |
| HS27552A | White | | | | |
| HS27552B | Blue | 5–10 | 70 | 16 | 9.8 x 5 x 2.7 |
| HS27552C | Green | 5-10 | 12 | 16 | (25 x 12.7 x 7) |
| HS27552D | Magenta | - | | | |

Chemically resistant HDPE Coated Wire Racks

* 89

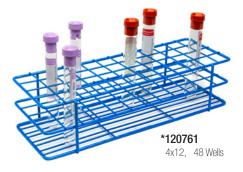
- Holds all brands and types of conical, round or flat bottom, glass or plastic, tubes and/or bottles
- Square wells and three deck levels help keep tubes secure





Fits 10-13 mm Tubes

| Item No. | Color | Tube Array | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------|-------|------------|-------|-----------|-----------------|-------------------|
| 120089* | Blue | 6x12 | 72 | 13 | 8.1 x 4.1 x 2.6 | 20.5 x 10.5 x 6.5 |
| 120759 | Blue | 9x12 | 108 | 13 | 8 x 6.4 x 2.6 | 20.4 x 16.1 x 6.5 |

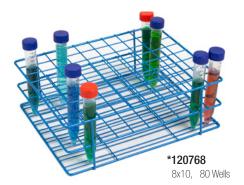


Fits 13-16 mm Tubes

| Item No. | Color | Tube Array | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------|-------|---------------|-------|-----------|-----------------|-------------------|
| 120760 | Blue | 4x10 | 40 | 16 | 7.9 x 3.3 x 2.4 | 20 x 8.3 x 5.9 |
| 120761* | Blue | 4x12 | 48 | 16 | 9.4 x 3.3 x 2.4 | 23.7 x 12.7 x 5.9 |
| HS23072 | Blue | 6x12 | 72 | 16 | 9.5 x 5 x 2.6 | 24.1 x 18.8 x 6.5 |
| 120763 | Blue | 9x12 | 108 | 16 | 9.3 x 5 x 2.6 | 23.7 x 12.7 x 6.5 |
| HS23108 | Red 📕 | 9x12 | 108 | 16 | 9.3 x 5 x 2.6 | 23.7 x 12.7 x 6.5 |

Fits 16-18 mm Tubes – 1 5mL

| Item No. | Color | | Tube Array | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|------------------------|----------------|-----|-----------------------|-------------|-----------------|-----------------|------------------|
| HS23215* | Blue | | 3x5 | 15 | 20 | 5 x 3 x 3 | 12.7 x 7.6 x 7.6 |
| | | | | | | | |
| | | bes | | | Well Dia. | LxWxH | LxWxH |
| Fits 16-20 Item No. | mm Tu Color | bes | – 15 mL Tube Array | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
| | | bes | | Wells 40 | | | ст |



Fits 20-24 mm Tubes

Blue

120768*

| Item No. | Color | | Tube Array | Wells | Well Dia. | L x W x H in | L x W x H cm |
|--------------------|---------------|-----|---------------|-------------|-----------|------------------|-----------------|
| 120766 | Blue | | 4x10 | 40 | 24 | 10.2 x 4.2 x 3.2 | 26 x10.7 x 8 |
| Fits 20-25 | mm Tu | bes | | | | | |
| | | | | | | | |
| Item No. | Color | | Tube Array | Wells | Well Dia. | L x W x H in | L x W x H cm |
| Item No. 120769 | Color Blue | | | Wells 24 | | | ст |

25

8x10 80

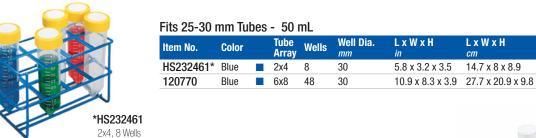


11.4 x 9.1 x3.1 29 x 23 x 8

*HS23215 3x5, 15 Wells

Coated Wire Racks

Chemically resistant HDPE Coated Wire Racks



Fits 30-40 mm Tubes

| Item No. | Color | Tube Array | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|-------|---------------|-------|-----------------|------------------|-------------------|
| 120771* | Blue | 3x8 | 24 | 40 | 14.1 x 5.5 x 3.9 | 35.7 x 13.9 x 9.8 |
| 120772 | Blue | 6x8 | 48 | 40 | 14 x 10.6 x 3.8 | 35 x 26 x 9.8 |





Fits 23-25 mm Bottles - Bijou Bottles

| Item No. | Color | Tube Array | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|-------|---------------|-------|-----------------|------------------|-------------------|
| 120085 | Blue | 2x6 | 12 | 25 | 6.4 x 2.5 x 1.3 | 16.4 x 6.4 x 3.2 |
| 120086* | Blue | 5x10 | 50 | 25 | 10.7 x 5.7 x 1.3 | 27.1 x 14.5 x 3.2 |

Fits 30-33 mm Bottles - Universal & McCartney Bottles

| Item No. | Color | Tube Array | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|-------|---------------|-------|-----------------|-----------------|-----------------|
| 120087* | Blue | 2x6 | 12 | 33 | 8.3 x 3.1 x 2.4 | 21.2 x 8 x 6 |
| 120088 | Blue | 5x10 | 50 | 33 | 8.7 x 3.2 x 2.4 | 21.8 x 8.2 x 6 |





Fits 55-58 mm Bottles - Urine Containers

| Item No. | Color | Tube Array | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------|-------|---------------|-------|-----------------|-----------------|-----------------|
| 120091* | Blue | 4x6 | 24 | 58 | 15.5 x 10.3 x 2 | 39.3 x 26.2 x 5 |

Fits 55-60 mm Bottles - Centrifuge Bottles

| Item No. | Color | Tube Array | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------|-------|---------------|-------|-----------|-----------------|--------------------|
| HS23224* | Blue | 2x3 | 6 | 60 | 8.1 x 5.3 x 4.1 | 20.5 x 13.5 x 10.4 |



Mega Rack®

High-capacity storage for your tubes

Fully assembled, polypropylene mega racks are great for high throughput labs requiring large sample storage

- Sturdy, material for easy and secure transport of blood collection and other tubes
- Alphanumeric identification for quick location and retrieval of tubes
- Place different test groupings into one rack eliminating the need for multiple racks

Mega Racks® 10-13 mm - Holds 5-7 mL sample tubes

| Item No. | Color | Wells | Well Dia. | L x W x H in | L x W x H cm |
|----------------------|-------------|-------|-----------|------------------|-------------------|
| HS24322A HS24322E | Blue White | — 216 | 13 | 13.3 x 9.3 x 3.6 | 33.7 x 23.5 x 9.1 |
| 120112 120113 | White Blue | - 432 | 13 | 26.5 x 9.3 x 3.5 | 67.3 x 23.5 x 9.0 |

AUTOCLAVABLE

Mega Racks® 13-16 mm - Holds 10 mL sample tubes

| Item No. | Color | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
|----------------------|---------------|-------|-----------------|-------------------|-------------------|
| HS24323A HS24323E | Blue White | — 120 | 16 | 13.3 x 10.5 x 3.6 | 33.7 x 26.7 x 9.1 |
| 120114 120115 | White Blue | - 240 | 16 | 26.5 x 10.5 x 3.5 | 67.3 x 26.7 x 9.0 |

Mega Racks® 18-20 mm - Holds 15 mL conical/swab tubes and 20 mm round bottom tubes

| Item No. | Color | Wells | Well Dia. mm | L x W x H in | L x W x H cm | |
|----------|-------|-------|-----------------|-------------------|-------------------|--|
| 120834 | White | — 120 | 20 | 14.9 x 11.9 x 3.6 | 37.7 x 30.1 x 9.1 | |
| 120835 | Blue | 120 | 20 | 14.9 X 11.9 X 3.0 | 37.7 X 30.1 X 9.1 | |

Peg Tube Racks

Strong, tough, versatile racks for bench use or tube storage

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

- Spacious peg design allows easy viewing of tube contents
- Pegs remain straight even after repeated autoclaving
- Embossed alphanumeric identification for quick location



| Unique | tear | drop | well design | |
|---------------|--------|--------|--------------|--|
| allows for | hetter | retent | ion of tubes | |

| s for better retention of tubes | |
|---------------------------------|--|

| | | 500 | | | | | Pack of 2 |
|----------|---------------|-----|-------------|-------|-----------------|------------------|-------------------|
| Item No. | Color | | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
| HS24311A | White | | 10 | 50 | 14–17 | 7.4 x 4.1 x 2.7 | 18.8 x 10.4 x 6.9 |
| HS24311B | Blue | | 10 | 50 | 14-17 | 7.4 X 4.1 X 2.7 | 10.0 X 10.4 X 0.9 |
| HS24312A | White | | 7 | 96 | 10–13 | 3.2 x 5 x 2.7 | 8.2 x 12.6 x 6.9 |
| HS24312B | IS24312B Blue | 1 | 90 | 10-13 | 3.2 X 3 X 2.7 | 0.2 X 12.0 X 0.9 | |

AUTOCLAVABLE

View our complete line of Freezer Storage Boxes



Cold Products & Storage

From cool-looking ice containers to freezer necessities, our innovative range of cold products continues to expand



Cooling Containers Low Temp Racks & Storage Freezer Boxes, Racks & Accessories



| Lid nests under bucket |
|-----------------------------------|
| for convenience and to save space |

0

| Item No. | Color | Style | Capacity liters | L x W x H in | L x W x H cm |
|----------|-------|--------|--------------------|-------------------|---------------------|
| HS28714K | Black | Bucket | 4 | 7.1 (H) x 9.2 (D) | 18.1 (H) x 23.4 (D) |
| HS28721G | Green | Pan | 1 | 10.5 x 7.7 x 4.5 | 26.7 x 19.6 x 11.4 |
| HS28724B | Blue | Pan | 4 | 15 x 10 x 5.5 | 38.1 x 25.4 x 14 |
| HS28729R | Red | Pan | 9 | 20.5 x 11.5 x 6.4 | 52.1 x 29.2 x 16.3 |

Learn more about our open rack systems that work perfectly with our Cooling Containers



Fold and Snap Tube Rack, Page 82



OneRack® Tube Rack, Page 83

Floating Microtube Rack For use on bench and in ice and

For use on bench and in ice and water baths

- Made of polypropylene
- Attach legs and rack stands upright for use on bench top
- Detach legs and samples can be quickly removed by pushing down onto any surface

| (| a= | | <u> </u> |
|--------------|----|----------|----------|
| AUTOCLAVABLE | E | LOW TEMP | Ε |
| 121°C | E | 0° C | .Ξ |
| | 0 | | <u> </u> |

| | | | | | Pack of 4 |
|----------|---------|-------------|---------|-----------------|-----------------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. mm | Shape/Dia. ⁱⁿ |
| HS2132A | — White | 1.5/2.0 | 16 | 10.0 | Square 4 |
| HS2134A | wille | 1.5/2.0 | 20 10.9 | | Round 3.8 |
| | | | | | |



| | | | | | | PACK UI 5 |
|----------|--------|-----------------|-------|-----------|-----------------|-------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| HS2165A | Green | 50 | 4 | 29 | 6.4 x 5.3 x 2.5 | 16.5 x 13.7 x 6.5 |
| HS2165B | Blue | 15 | 8 | 16 | 6.7 x 2.2 x 2.5 | 17.2 x 5.7 x 6.5 |
| HS2165C | Yellow | 1.5/2.0 | 24 | 9.3 | 6 x 3.2 x 2.7 | 15 x 8.3 x 7 |
| HS2166 | Blue | 0.2/0.5/1.5/2.0 | 18 | 9.3 | 3.2 | 8.2 dia. |



Alphanumeric Well Identification

for quick location and retrieval of tubes

Lid doubles as a stand enables the rack to stay cold longer as there is no conductive heat transfer from surface



Vented Lid enables faster cooling of samples while in freezer

PCR Cooler, 96-Well

Ice-Free Cooling System for PCR Preparation and Storage

Cools industry standard format PCR tubes, strips and single format as well as most standard and low profile 96-Well plates

Consistent & Reliable

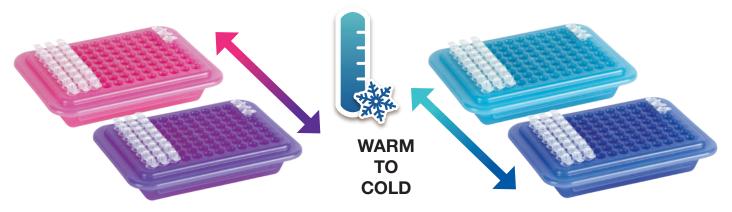
- Modern design cools faster in freezers and stays cold longer on the bench top
- Maintains the entire 96-Well plate at a temperature of 0 °C for over an hour
- Maintains sample temperature of less than 5°C for up to three hours (with lid off)
- When the temperature ceiling of 6°C has been exceeded, users are signaled by a contrasting color change of the cooler or a single well



provide a secure hold, reducing the chance of dropping the PCR rack, and makes handling and transportation easy, especially when using gloves



Two Color Contrasting Options Available purple to pink or dark blue to light blue allowing easy monitoring of samples



US Patent Pending, Community Design No: 004101756-0001-0002

| Item No. | Warm Colo | r | Cold Color | Wells | Tube Sizes mL | L x W x H in | L x W x H cm |
|----------|------------|---|------------|-------|------------------|-----------------|-----------------|
| 120727 | Pink | | Purple | | 0.2 | | |
| 120728 | Light Blue | | Dark Blue | 96 | | 4.3 x 5.8 x 1.9 | 11 x 14.8 x 4.8 |
| 120729 | Assorted* | | | | Assay Plates | | |

Pack of 2

Need to keep your reagents cool while working?

Check out our ice-free Reagent Reservoir Chillers with temperature color changing feature



Reservoir Chiller, Page 50



Mini Coolers

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

Ideal for keeping samples or reagents cool during testing

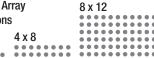
- Polycarbonate construction with rubber non-slip feet
- Coolers 120072 and 120075 are filled with a self-insulating gel to improve cooling capacity of unit







3 x 4



Year <u>Warrant</u>y

| Item No. | Color | Tubes mL | Lid | Tube Array | Wells | L x W x H in | L x W x H cm | Temp. | Temp. Retention |
|----------|-------|-------------|------------|------------|-------|-----------------|------------------|-------|-----------------|
| 120070 | Green | | Clear | 3 x 4 | 12 | 5.7 x 4.1 x 3.9 | 14.5 x 10.5 x 10 | 0°C | 1°C for 3 hr |
| 120071 | | 0.5-2.0 | Clear | 4 x 8 | 32 | 9.6 x 4.1 x 3.9 | 24.5 x 10.5 x 10 | 0°C | 1°C for 2 hr |
| 120072 | | | Gel Filled | 4 x 8 | 32 | 9.6 x 4.1 x 3.9 | 24.5 x 10.5 x 10 | 0°C | 1°C for 5 hr |
| 120073 | Blue | | Clear | 3 x 4 | 12 | 5.7 x 4.1 x 3.9 | 14.5 x 10.5 x 10 | -20°C | -15°C for 1 hr |
| 120074 | Diue | 0.5-2.0 | Clear | 4 x 8 | 32 | 9.6 x 4.1 x 3.9 | 24.5 x 10.5 x 10 | -20°C | -15°C for 1 hr |
| 120075 | | | Gel Filled | 4 x 8 | 32 | 9.6 x 4.1 x 3.9 | 24.5 x 10.5 x 10 | -20°C | -15°C for 1 hr |
| 120076 | Blue | 0.2 | Clear | 8 x 12 | 96 | 8.9 x 6.5 x 4.3 | 22.5 x 16.5 x 11 | -20°C | -15°C for 2 hr |

Work 2 Store[®] Expanding Storage Box

Single rack, double function

Streamline and reduce sample handling time with this convenient working and storage rack, eliminating the need several racks when working with samples requiring cold temperature storage

Efficient Handling

92

- Expand rack to opening position instantly creating more working space.
- Enough room for sample manipulation with no interference from open microfuge lids
- Collapse rack into closed position when it's ready for freezer storage
- Compact design will fit into standard 53 mm freezer racking system
- Alphanumeric identification for quick location and retrieval of tubes

Safe and Stackable Storage

- Clear lids locks the rack together for safe handling and transportation
- Low profile, easily stackable

Holds 64 x 1.5/2.0 mL cryo and/or microtubes

- Expanding wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one handed cap removal



| Work 2 St | tore® Expandi | ing Tube Sto | orage Box | | | | | |
|-----------|---------------|--------------|-----------|-----------|------------------------|--------------------------------|------------------------|--------------------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H (Open) in | L x W x H (Closed w/lid) in | L x W x H (Open) cm | L x W x H (Closed w/lid) cm |
| 120018 | White 🗌 | 1.5/2.0 | 64 | 12.3 | 12.2 x 5 x 1.3 | 5.2 x 5.2 x 2 | 31 x 12.8 x 3.4 | 13.3 x 13.3 x 5.3 |

TracRack[®] Tube Rack

Take what you need and store the rest

Comprised of a storage box and eight removable tube segments allowing you to easily take what you need - an entire segment or individual sample - and store the rest!

Convenient Rack System

- Eight polypropylene segments hold 1.5–2.0 mL cryo and microcentrifuge tubes (64 tubes)
- Wells feature a center depression stabilizing conical tubes and a cryogenic vial lock for one-handed cap removal
- Printed index letters on each segment make for quick sample ID and retrieval

| |)= | | 0 |
|--------------|-----|----------|----|
| AUTOCLAVABLE | | LOW TEMP | |
| 121° C J | E I | -80° C | пl |
| | | <u> </u> |) |

TracRack® Outer Box

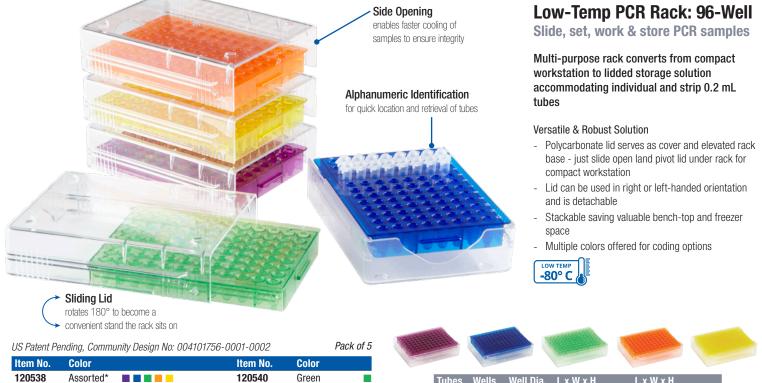
- Made from thin film polypropylene material
- Moisture and mold resistant

120539

- 2 in (5.3 cm) boxes fit in standard freezer racks
- Not recommended for autoclaving



| TracRack [®] | [®] Tube Rad | ck | | | | | |
|-----------------------|-----------------------|----|-------------|-------|-----------|-----------------|-------------------|
| Item No. | Color | | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| 120356 | Purple | | 1.5/2.0 | 64 | 12.3 | 5.1 x 5.1 x 1.4 | 12.9 x 12.9 x 3.5 |



Assorted*
Blue

120540
Green

120541
Purple

14updadulus
(Purple)

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

| | a feature | 1 | 15 | Child | |
|------------------|-----------|---------|-----------|-----------------------------|---|
| | Wells | | L x W x H | L x W x H | |
| <i>mL</i> 0.2 | 96 | 5.2 | 49x36x15 | <i>cm</i> 12.5 x 9.2 x 3 | 7 |

| | 1 | _ | | | | _ | | | | |
|----|----|----|----|----|----|----|----|----|------|--|
| 10 | 2A | зА | 4A | 5A | 6A | 7A | 8A | 9A | 10.4 | |
| 1E | 2B | 3B | 4B | 5B | 68 | 7B | 8B | 9B | 10B | |
| 10 | 2C | зС | 4C | 5C | 6C | 7C | 8C | 9C | 10C | |
| 10 | 2D | ЗD | 4D | 5D | 6D | 7D | 8D | 9D | 10D | |
| 1E | 2E | 3E | 4E | 5E | 6E | 7E | 8E | 9E | 10E | |
| 1F | 2F | ЗF | 4F | 5F | 6F | 7F | 8F | 9F | 10F | |
| 1G | 2G | 3G | 4G | 5G | 6G | 7G | 8G | 9G | 10G | |
| 1H | 2H | зн | 4H | 5H | 6H | 7H | 8H | 9H | 10H | |
| 11 | 21 | 31 | 41 | 51 | 61 | 71 | 81 | 91 | 101 | |
| | 2J | 3J | 4J | 5J | 6J | 7J | 8J | 9J | 100 | |

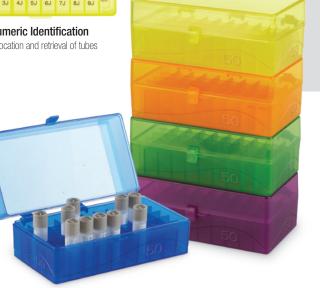
Alphanumeric Identification

for quick location and retrieval of tubes

Microtube Storage Boxes

- Hold 1.5 and 2.0 mL microcentrifuge tubes and cryogenic vials







Stylish & Identifiable

- Made of translucent, vibrantly colored polypropylene allows for visibility inside box and color coding identification
- Tube capacity is indicated on the outside the box within a _ distinctive wave design
- Quick visual identification with uniform wells and alphanumeric _ location identification along with a frosted labeling area

Robust

- Easy open and secure lid fitted with either friction fit or snap clasp designs
- Stackable, saving valuable space in the lab

50-Well Microtube Storage Boxes

| | | | | Fack OF J |
|-------------|-----------|-----------|---------------------------|--------------------------------|
| Item No. | Color | | | |
| 120032 | Natural | | | |
| 120033 | Assorted* | | | |
| | | | *Assorted colors (Blue, C | Green, Purple, Yellow, Orange) |
| Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| 1.5/2.0 | 50 | 12.3 | 5.6 x 3.6 x 2.2 | 14.2 x 9.2 x 5.6 |

81-Well Microtube Storage Boxes

- Black, light blocking version available for light sensitive samples

| Pack | of 5 | |
|------|------------|--|
| Faun | $U \cup J$ | |

Pack of 5

| Item No. | Color | | Item No. | Color |
|-------------|---------|-----------|----------------------|----------------------------------|
| 120034 | Natural | | 120038 | Yellow |
| 120035 | Blue | | 120039 | Orange 🗧 |
| 120036 | Green | | 120040 | Assorted* |
| 120037 | Pink | | 120041 | Black |
| | | | *Assorted colors (Bl | ue, Green, Yellow, Orange, Pink) |
| Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| 1.5/2.0 | 81 | 12.3 | 5.1 x 5.1 x 1.9 | 13 x 13 x 4.7 |

100-Well Microtube Storage Boxes

- Black, light blocking version available for light sensitive samples

| | | | | Paci | (OT 5 |
|----------|-----------|----------------|----------------------------|----------------|--------|
| Item No. | Color | | Item No. | Color | |
| 120042 | Natural | | 120202 | Green | |
| 120043 | Black | | 120203 | Yellow | |
| 120044 | Assorted* | | 120204 | Orange | |
| 120201 | Blue | | | | |
| | | *Assorted colo | rs (Purple, Blue, Green, Y | ellow. Orange. | Pink) |

| mL mm in cm | WxH |
|-------------------------------------|--------------|
| 1.5/2.0 100 12.3 5.6 x 6 x 2.2 14.1 | x 15.1 x 5.7 |



Fill with ice

and use as a temporary low temperature workstation

Transformer Cube Tube Rack

Low temp storage of large samples, 15 mL & 50 mL tubes

- Quick change over with 2 snap-in inserts that hold 15 and 50 mL tubes
- Rack keyed and numeric wells for tube identification
- Polypropylene construction capable of handling extreme storage temperatures
- Clear Lid included for viewable, stackable storage
- Open space available under insert for extra storage





| | | | | | | Pack of a |
|----------|--------|-------------|-------|-----------------|-----------------|--------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
| HS23271A | Durplo | 15 | 16 | 18 | — 4.9 x 4.9 x 5 | 12.5 x 12.5 x 12.9 |
| | Fulple | irple 50 | 9 | 31 | 4.9 X 4.9 X 5 | 12.5 % 12.5 % 12.9 |



Foam Tube Racks

High storage, minimal footprint

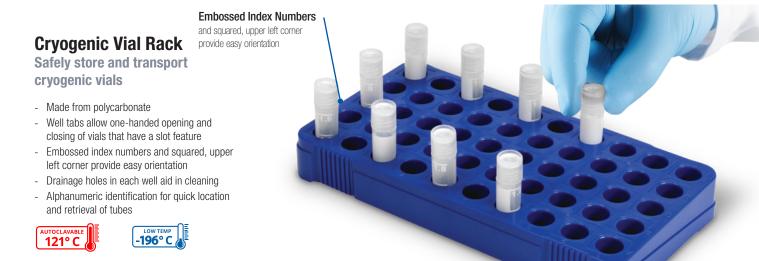
- Two-piece racks are constructed of expanded polystyrene (EPS) foam
- Lightweight microtube racks are ideal for long-term studies or tube storage
- Extra spacing between wells allows for easy gripping with fingertips
- Racks stack securely with nesting features on lid and base
- Must use tubes capable of being stored at the required temperature of the user

| LOW TEMP | | Ξ. |
|----------|---|----|
| | | Ξ |
| -SUo C | Л | = |
| | 1 | 0 |

| (| | | | | | Pack of 100 |
|----------|---------|-------------|-------|-----------------|------------------|------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. mm | L x W x H in | L x W x H cm |
| HS4282 | White 🗌 | 1.5/2.0 | 100 | 11.5 | 13.2 x 3.7 x 2.9 | 33.6 x 9.5 x 7.3 |
| HS4283P | White 🗌 | 1.5/2.0 | 50 | 11.5 | 8.3 x 4.3 x 2.7 | 21 x 11 x 7.1 |

Store microslides in low temperatures with our Low Temperature Microscope Slide Boxes





| | | | | | | Pack of 4 |
|----------|-------|-------------|-------|-----------|-----------------|-------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| HS23229B | Blue | 2–5 | 50 | 12.9 | 7.8 x 4.1 x 0.9 | 19.9 x 10.5 x 2.8 |

Ribbed Grips make handling with gloves easier

Cryogenic Vial Canes

96

Organize cryogenic samples in dewars

Aluminum canes hold vials for freezer storage or immersion in LN_{2} dewars

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

| -196° C | | | | Pack of 12 |
|----------|-------------|--------------|--------------|--------------|
| Item No. | Tubes mL | No. of Vials | Length in | Length cm |
| HS23205 | 1.5/2.0 | 5 | 11.4 | 29 |
| HS23206 | 1.5/2.0 | 6 | 11.8 | 30 |

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

-0=

- More durable than cardboard sleeves
- Transparency allows sample identification without removing sleeve

| -196° C | | | | Pack of 100 |
|----------|----------------|--------------|----------------|--------------|
| Item No. | Diameter in | Length in | Diameter cm | Length cm |
| HS23210 | 0.6 | 10.8 | 1.5 | 27.5 |





Don't miss our line of Cryogenic Vials

Our innovative flush design saves space in your freezer



Cryogenic Vial Boxes & Partitions

For storage of small samples and tubes

- Made from cardboard
- Colors allow for easy identification and sorting purposes
- All box footprints are 13.3 x 13.3 cm, select from two different heights



Cardboard Cryogenic Vial Boxes

| Cardboard | l Cryogen | ic Vial Boxes | | | Pack of 12 |
|-----------|-----------|---------------|-------------|-----------------|-------------------|
| Item No. | Color | | Tubes mL | L x W x H in | L x W x H cm |
| HS2860A | White | | 1.5/2.0 | 5.2 x 5.2 x 2 | 13.3 x 13.3 x 5 |
| HS2860B | White | | 1.5/2.0 | 5.2 x 5.2 x 3 | 13.3 x 13.3 x 7.5 |
| HS2860C | Assorted | | | | |
| HS2860CB | Blue | | 1.5/2.0 | EQVEQUO | 10.0 × 10.0 × 5 |
| HS2860CR | Red | | | 5.2 x 5.2 x 2 | 13.3 x 13.3 x 5 |
| HS2860CY | Yellow | | | | |



| Partitions | Partitions m | Partitions must be ordered separately | | | | | | |
|------------|--------------|---------------------------------------|-------|-----------|--|--|--|--|
| Item No. | Array | Tubes mL | Wells | Well Dia. | | | | |
| HS2860E | 10 x 10 | 1.5/2.0 | 100 | 11.5 | | | | |
| HS2860H | 9 x 9 | 1.5/2.0 | 81 | 12 | | | | |
| HS2860F | 8 x 8 | 1.5/2.0 | 64 | 15 | | | | |
| HS2860G | 7 x 7 | 1.5/2.0 | 49 | 17.5 | | | | |

Microtube Storage Boxes

Safe microtube storage

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

- Partitions included in the boxes
- Will fit into most standard freezer racking _

LOW TEMP -196° C

| | | | | | | Pack of 10 |
|----------|-------|-------------|-------|-----------|-----------------|-------------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm |
| 120220 | White | 0.2 | 169 | 9.5 | 5.2 x 5.2 x 1.1 | 13.3 x 13.3 x 2.9 |
| 120221 | White | 0.5 | 100 | 12 | 5.2 x 5.2 x 1.6 | 13.3 x 13.3 x 4.1 |

15/50 mL Tube **Storage Boxes & Partitions**

- Write-on surface for descriptions or self-numbering systems
- Partitions available in two sizes



Cardboard Tube Storage Box & Lid

LxWxH LxWxH Item No. Color in ст 5.7 x 5.7 x 4.8 HS2860M White 14.5 x 14.5 x 12.2 Partitions Pack of 10 Partitions must be ordered separately Item No. Array Tubes Wells Well Dia. тL тт 36 HS2860T 6 x 6 15 23 HS2860P 4 x 4 50 16 35

Cryogenic Vial Tube Storage Box

- Two-piece set-up boxes with finger holds
- Boxes made from paper coated cardboard
- 5 x 5 format for tubes up to 14 mm in diameter
- Partitions are included in each box



Pack of 10



| | | | | | | Case of 200 |
|----------|--------|-------------|-------|-----------|-----------------|-----------------|
| Item No. | Color | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H mm |
| 120519 | Blue 🔳 | 2.0 | 25 | 14 | 3.4 x 3.4 x 1.5 | 87x87x38 |

97

| 3035 | HITT | | |
|------|-------|---------------|--|
| | 11 II | In the second | |

Reusable and Affordable

Easy to assemble boxes made from polypropylene material

- Moisture resistant, more durable than cardboard boxes
- Dividers included with the boxes
- Corrugated Polypropylene: Store down to temperatures of -80°C with appropriate temperature viable tubes
- Thin Film: Can be used in mechanical freezers & vessels down to -196°C with appropriate temperature viable tubes
- Vapor phase only



Color

Item No.

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

Tubes

mL

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

-80° C

LxWxH

in

Well Dia.

тт

Pack of 10

L x <u>W x H</u>

ст







| 120379 | White | 0.2 | 144 | 7.9 | 5.2 x 5.1 x 1.2 | 13.3 x 13 x 3 |
|--------|-------|-----------|----------|------|-----------------|-------------------|
| 120383 | White | 0.5 | 81 | 12 | 5.2 x 5.1 x 1.6 | 13.3 x 13 x 4.2 |
| 120262 | White | 1 5/0 0 | F/0.0 01 | 10 | E 0 v E 1 v 0 | 13.3 x 13 x 5.1 |
| 120376 | Blue | — 1.5/2.0 | 81 | 12 | 5.2 x 5.1 x 2 | |
| 120387 | White | — 5 | 25 | 22.6 | 5.2 x 5.1 x 2.9 | 13.3 x 13 x 7.5 |
| 120388 | Blue | | 20 | 22.0 | J.Z X J.I X Z.9 | 13.3 X 13 X 7.3 |
| 120428 | White | Vial | 100 | 17 | 7.4 x 7.8 x 1.6 | 18.8 x 19.8 x 4.1 |
| | | | | | | |
| | | | C | | | |

Wells

| Corrugated Polypropylene 15 mL and 50 mL | | | | | | | | | |
|--|-------|--|-------------|-------|-----------|-----------------|------------------|--|--|
| Item No. | Color | | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm | | |
| 120391 | White | | 15 | 26 | | 5.8 x 5.7 x 4.7 | 147 14 5 10 | | |
| 120392 | Blue | | — 15 | 36 | 19.8 | 0.0 X 0.7 X 4.7 | 14.7 x 14.5 x 12 | | |
| 120366 | White | | 50 | 10 | 21.6 | EQVEZVAZ | 14.7 x 14.5 x 12 | | |
| 120367 | Blue | | — 50 | 16 | 31.6 | 5.8 x 5.7 x 4.7 | 14.7 X 14.5 X 12 | | |

| Thin Polypropylene film 1.5–2.0 mL | | | | | | | | |
|------------------------------------|-----------|--|-------------|-------|-----------|-----------------|-------------------|--|
| Item No. | Color | | Tubes mL | Wells | Well Dia. | L x W x H in | L x W x H cm | |
| 120370 | White | | | | | | | |
| 120371 | Blue | | 1.5/2.0 | 81 | 12.1 | 5 x 4.9 x 1.9 | 12.5 x 12.4 x 4.9 | |
| 120372 | Lt. Green | | | | | | | |

di.



Arctic Squares[®] Polycarbonate Cryostorage Boxes

Safely store cryogenic vials

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

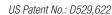
- Alphanumeric labeling on lid or base (depending on the unit) for quick location and retrieval of tubes
- Liquid nitrogen vent and drainage holes





- Magnet on top of forceps enables easy storing on metal surfaces - Stackable, saves valuable space in the lab

LOW TEMP



EP Registered Design No.: 00551429-0001, 00551429-0002, 00551429-0003

| Item No. | Color | Tube Array | Tubes mL | Wells | Well Dia. mm | Lid | Packaging | L x W x H in | L x W x H cm | Forceps |
|----------|-------------|------------|-------------|-------|-----------------|----------|-----------|-----------------|-------------------|---------|
| HS23325A | Ruby Red | 5 x 5 | 2.0 | 25 | 12.5 | Slide On | 8 | 3 x 3 x 2 | 7.6 x 7.6 x 5.3 | |
| HS23381B | Assorted* | 9 x 9 | 2.0 | 81 | 12.5 | Hinged | 4 | 5.2 x 5.2 x 2 | 13.3 x 13.3 x 5.3 | ✓ |
| HS23300D | Arctic Blue | 10 x 10 | 2.0 | 100 | 12.5 | Hinged | 4 | 5.2 x 5.2 x 2 | 13.3 x 13.3 x 5.3 | ✓ |

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

Arctic Squares[®] Upright 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

Unique drawer stop that pivots down allowing for easy box access

Steel drawer handles

have a space to insert a label,

and provide a user-friendly grip

| Item No | . Config. | Box Height in | Box Height cm | L x W x H in | L x W x H cm |
|---------|-----------|------------------|------------------|------------------|--------------------|
| HS2864 | 4 x 4 | 2 | 5.3 | 5.4 x 22.4 x 9.3 | 13.9 x 57.1 x 23.8 |

Freezer Racks

A variety of racks to safely store samples in your freezer

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

1.54

- 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

Cube Upright Freezer Rack

For 15 and 50 mL tube box storage

- Constructed of corrosion-resistant stainless steel with 6 rack spaces
- Provides safe, convenient storage of your samples
- Handles at each end accommodate freezers with right or left-handed doors
- Compatible with 6 in (15.2 cm) or smaller boxes



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

Shown with our 15/50 mL Tube Storage Box, Page 97 Transformer Cube Tube Rack, Page 78

| Item No. | Config. | Box Size in | Box Size cm | L x W x H in | L x W x H cm | |
|----------|---------|----------------|----------------|-----------------|--------------------|--|
| HS28622 | 2 x 3 | 6 | 15.2 | 18 x 6.2 x 10.6 | 45.9 x 15.9 x 27.1 | |

Handles for easy transfer

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



HS2862AB



Upright Freezer Racks: 2 inch Boxes

Chest Freezer Racks

Config.

8 x 1

9 x 1

Box Size

3

Box Size

7.6

LxWxH

5.5 x 5.5 x 25.5

5.5 x 5.5 x 29

LxWxH

14.1 x 14.1 x 64.9

14.1 x 14.1 x 73

Item No.

HS2862D

HS2862DB

| Item No. | Config. | Box Size in | Box Size cm | L x W x H in | L x W x H cm |
|----------|---------|----------------|----------------|------------------|--------------------|
| HS2862HA | 4 x 3 | | | 16.4 x 5.5 x 8.9 | 41.8 x 14.1 x 22.5 |
| HS2862H | 4 x 4 | 2 | 5.3 | 21.8 x 5.5 x 8.9 | 55.6 x 14.1 x 22.5 |
| HS2862HB | 5 x 4 | | | 22 x 5.5 x 11 | 55.6 x 14.1 x 28 |

Upright Freezer Racks: 3 inch Boxes

| ltem No. | Config. | Box Size in | Box Size cm | L x W x H in | L x W x H cm |
|----------|---------|----------------|----------------|-----------------|--------------------|
| HS2862KB | 4 x 4 | 3 | 7.6 | 22 x 5.5 x 12.8 | 55.6 x 14.1 x 32.5 |
| HS2862KC | 5 x 4 | | | 22 x 5.5 x 16 | 55.6 x 14.1 x 40.6 |



Shown with our 81-Well Microtube Storage Boxes, Page 94

Upright Freezer Rack Configurations



4 x 3 4 x 4

| | 5 x 3 | | | | | |
|---|-------|--|--|--|--|--|
| _ | | | | | | |
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| 8 x 1 | 9 x 1 |
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Tips for Keeping your Laboratory Freezer Running Efficiently

Monitor Temperatures

Installing an alarmed thermometer monitoring system, like Heathrow Scientific's Freezer Thermometer, can alert you early to any fluctuations in temperatures that could indicate the need for cleaning or maintenance.

Organize to Ensure Proper Air Flow

Our Freezer Rack systems not only use all optimal storage space available; they also allow for air flow through the unit. With materials stacked and organized, it makes it easier to locate samples quickly, greatly reducing the amount of time the door remains open.

Remove Ice and Frost Routinely

An accumulation of ice and frost on racks and doors can interrupt air flow and overwork the freezer. Defrost on a routine basis to keep your unit in proper working order.

Clear Debris from Compressor Coils

Vacuum or use a brush to clean the compressor coils on the outside of the unit to remove any buildup of dust and grime on a regular basis to keep your unit running smoothly.

Also, be sure not to stack any items on or in front of your units venting system. This could cause the compressor to work overtime to maintain temperatures.

Clean Door Gaskets

To ensure that cold air is not escaping, clean any debris or ice build-up from the door gasket to keep an air-tight seal.

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



| Item No. | L x W x H in | L x W x H cm |
|----------|-----------------|-----------------|
| HS28630 | 4.1 x .79 x 0.9 | 1.4 x 1.9 x 2.8 |

Probe Cable measures 0.9 m, Probe measures 5 mm OD x 17 mm L

Slide Products & Accessories

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



Boxes & Storage Racks Folders & Mailers Holders & Staining





Centrally Positioned Numbering enables simple slide organization with easy viewing of location numbers

Sliding Lock provides secure storage with easily identified lock and unlock symbols.

8

A

6

G

6

6

100-Place Premium Plus Slide Box

Modern design for maximum functionality

Optimal Organization

- Organize by "project" and "date" molded in on lid
- Inventory card index corresponds to slide numbers and is removable for trouble-free writing on flat surface
- Vibrant translucent colors are easy to identify and enable coding options

Functional Design

- Flexible storage, store vertically or horizontally to efficiently use space
- Molded feet allow secure horizontal stacking of multiple units
- Unique side storage can accommodate a pen, desiccant or other small items needed for working
- Hinged lid smoothly opens 180° sitting flat on surfaces and prevents misplacement

Safe & Secure

- EVA foam lines the bottom of the box helping to hold slides securely in place and protect against damage
- Stylish wave surface texture is easy to hold for safe sample transport

| 100-Place | Pack of 5 | | | |
|-----------|-----------|-----------|----------------------|------------------|
| Item No. | Color | Item No. | Color | |
| 120576 | Blue | 120579 | Red | |
| 120577 | Orange 📕 | 120592 | Purple | |
| 120578 | Green | 120593 | Assorted* | |
| | | *Apported | ooloro (Durplo, Pluo | Croop Rod Orango |

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

| Lining | Lock | L x W x H in | L x W x H cm |
|----------|---------------|-----------------|-------------------|
| EVA Foam | Sliding Latch | 8.2 x 7.7 x 1.3 | 20.7 x 19.5 x 3.2 |

| Replacement Invente | Pack of 10 | |
|---------------------|-------------|-------------|
| Item No. | L x H in | L x H cm |
| 120618 | 8.5 x 11 | 21.6 x 28 |

Premium Microscope Slide Boxes

Slide boxes are perfect for storage or transportation of standard size slides (76 x 26 mm and 3 x 1 in)

Organize & Identify

- Lining and slots are numbered to correspond to the ABS plastic boxes available with either slide inventory sheet
- Organize by "Project" and "Date" with pre-molded Designed to securely store slides in labeling area
- Available in multiple colors for project coding

Durable & Safe

- cork or foam lining
- grooved slots
- Molded feet secure stacking for easy transport and storage



Easily access slides with friction-fit cover



| Item No. | Color | | Lining | Lock | L x W x H in | L x W x H cm |
|----------|-------|--|--------|--------------|-----------------|------------------|
| HS15989A | Blue | | | | | |
| HS15989B | Green | | Cork | Friction Fit | 5.6 x 3.5 x 1.4 | 14.1 x 8.8 x 3.5 |
| HS15989C | Red | | | THEUDITTI | | 14.1 X 0.0 X 3.3 |
| HS15989E | White | | | | | |
| HS15989M | Blue | | | | 5.6 x 3.5 x 1.4 | |
| HS15989P | Red | | Foam | Friction Fit | | 14.1 x 8.8 x 3.5 |
| HS15989R | White | | | | | |

50-Place Slide Box

Thumb-latch lock mechanism



| Item No. | Color | Lining | Lock | L x W x H in | L x W x H cm |
|----------|-------|--------|-------------|-----------------|------------------|
| HS15996A | Blue | | | | |
| HS15996B | Red | Cork | Thumb-Latch | 8.2 x 3.4 x 1.4 | 20.8 x 8.6 x 3.5 |
| HS15996C | White | | | | |

100-Place Slide Box

Closes securely with a rust-resistant nickelplated clasp and pin hinges



| Item No. | Color | Lining | Lock | L x W x H in | L x W x H cm |
|----------|--------|--------|---------------|-----------------|-------------------|
| HS15994A | Blue | | | | |
| HS15994B | Green | | | | |
| HS15994C | Red | | Niekol plated | 8.2 x 6.9 x 1.3 | |
| HS15994D | Yellow | Cork | Nickel-plated | | 20.8 x 17.5 x 3.4 |
| HS15994E | White | | Clasp | | |
| HS15994F | Grey | | | | |
| HS15994G | Black | | | | |
| HS15994M | Blue | | Niekol plated | 8.2 x 6.9 x 1.3 | |
| HS15994P | Red | Foam | Nickel-plated | | 20.8 x 17.5 x 3.4 |
| HS15994R | White | | Clasp | | |

100-Place Tall Slide Box

Additional height for 3 x 2 in slides Stackable with 100-Place Premium Slide Boxes

| Item No. | Color | Lining | Lock | L x W x H in | L x W x H cm |
|----------|-------|--------|------------------------|-----------------|-----------------|
| HS15979A | Blue | Cork | Nickel-plated Clasp | 8.2 x 6.9 x 2.4 | 20.8 x 17.5 x 6 |



Storage Rack for Microscope Slide Boxes

Create a file system for 50-Place 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

| Item No. | Color | Capacity | L x W x H in | L x W x H cm |
|-----------|-------|----------|-----------------|--------------------|
| HS159890B | Clear | 15 Bins | 28 x 6.7 x 9 | 71.1 x 17.1 x 22.8 |

Standard Microscope Slide Boxes

Constructed of durable polypropylene



Slide boxes hold either 25 or 100 standard slides (76 x 26 mm and 3 x 1 in)

Improved Identification

- Molded slot numbers correspond directly to the slide inventory card
- Organize with "Project" and "Date" pre-molded labeling area

Secure & Stackable

- Hinged lids are held securely closed with a latch lock
- Molded feet secure stacking for easy transport and storage

25-Place Slide Box

| Item No. | Color | | Lining | Lock | L x W x H in (cm) |
|----------|---|------------|----------------|------------------|----------------------|
| HS15990A | Blue | | — None | | 5.6 x 3.6 x 1.2 |
| HS15990B | Red | | NULLE | Latch Lock | (14.1 x 9.2 x 3) |
| HS15990C | White | | | | (14.1 x 9.2 x 3) |
| 100740 | 740 25-Place Replacement Inventory Card, Pack of 10 | | | | 5.3 x 3.1 |
| 120740 | 20-Pla | ce neplace | ment inventory | Garu, Pack of TU | (13.4 x 8) |

100-Place Slide Box

| Item No. | Color | | Lining | Lock | L x W x H in (cm) |
|----------|---|------------|-----------|---------------------|----------------------|
| HS15991A | Blue | | — None | | 8.3 x 6.7 x 1.5 |
| HS15991B | Red | | NOLE | Latch Lock | |
| HS15991C | White | | | | (21 x 16.9 x 3.7) |
| 120741 | 120741 100-Place Replacement Inventory Card, Pack of 10 | | 3.9 x 6.1 | | |
| 120/41 | 100-Fi | ate nepide | | iy Gaiu, rack ui 10 | (10 x 15.5) |

Low Temperature Microscope Slide Boxes

Store in ultra-low temperatures with confidence



Holds standard slides (76 x 26 mm and 3 x 1 in)

Durable Construction

- Made of polycarbonate to store in ultra-low temperatures
- Uniform grooved slide slots separate slides preventing slide contact
- Molded feet enable secure stacking for easy transport and storage

Durable Construction

- Low temperature resistant numbered foam lining corresponds with identification sheet
- Organize with "Project" and "Date" pre-molded labeling area



Low Temperature Microscope Slide Boxes

| Item No. | Color | | Capacity | Lock | L x W x H in (cm) |
|----------|--------|---|-----------|--------------------------|--|
| 120316 | Blue | • | 25-Place | Friction Fit | 5.6 x 3.5 x 1.4 (14.1 x 8.8 x 3.5) |
| HS15988H | Purple | • | 100-Place | Stainless Steel Clasp | 8.2 x 6.9 x 1.3 (20.8 x 17.5 x 3.4) |





Slide Tray Clasps

Effortlessly locate, retrieve and keep slide folders organized

- Assorted color clasps are ideal for color coding identification and to keep slide folder flaps securely closed
- Clasps can be labeled with a permanent marker or a label can be attached

Cardboard Slide Tray

Cardboard slide trays hold standard slides (76 x 26 mm and 3 x 1 in)

Cardboard slide folders offer a convenient solution for safely working, transporting and short-term storing of slides

Organize & Protect

- Index on the front cover corresponds with the number grid inside for identification
- Recessed slide compartments and inside covers for specimen protection
- Slides cannot be accessed when cover is closed reducing contamination

Sturdy Construction

- Compartment holder is made from a double layer of densely pressed cardboard
- Cover is single layer cardboard
- Front protection flaps are attached with durable tape

| Item No. | Color | Capa | icity | L x W x H in | L x W x H cm |
|----------|--------|--------------|-------|-----------------|-----------------------|
| HS9902 | Black | | | | |
| HS9913 | Blue | | | | |
| HS9914 | Green | 20- P | lace | 8.2 x 13.4 x 0 | 0.4 20.8 x 34.1 x 0.9 |
| 120196 | Red | | | | |
| 120197 | Yellow | | | | |
| HS9930 | Black | ■ 30-P | lace | 8.2 x 12.9 x 0 |).4 28.1 x 32.8 x 1 |

| Slide Tray | ^v Clasps | | Pack of 100 |
|------------|---------------------|-----------------|-----------------|
| Item No. | Color | L x W x H in | L x W x H cm |
| 120653 | Assorted* | <u> </u> | 5.6 x 4.4 x 1.6 |
| 120654 | Clear 🗌 | 2.2 X 1.7 X 0.0 | 5.0 x 4.4 x 1.0 |

*Assorted colors (Clear, Grey, Blue, Green, Red)



Slide Mailers

Safe and secure transport of standard microscope slides (76 x 26 mm and 3 x 1 in)

Cardboard Slide Mailers

| Item No. | Color | Capacity | UOM | L x W x H in | L x W x H mm |
|----------|---------|----------|------------|-----------------|-----------------|
| HS9903 | Natural | 1-Place | Pack of 25 | 3.7 x 1.7 x 0.2 | 95 x 42 x 5 |
| HS9904 | Natural | 2-Place | Pack of 36 | 4.1 x 3.1 x 0.2 | 103 x 79 x 5 |
| 120557 | White | 4-Place | Pack of 20 | 4.7 x 5.7 x 0.3 | 120 x 140 x 6 |

- Heavy cardboard mailers for safe transport

Cover that opens for viewing and thumb grooves _ for easy slide removal

- Securely holds slides with or without cover glass
- Flat surface area is ideal for labeling or writing necessary information

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| | |

Plastic Slide Mailers

| Item No. | Color | Capacity | UOM | L x W x H in | L x W x H mm |
|----------|-----------|----------|------------|-----------------|-----------------|
| 120556 | Natural | 1-Place | Pack of 50 | 3.3 x 1.6 x 0.2 | 83 x 41 x 5 |
| HS15983B | Natural | | | | |
| HS15983A | Assorted* | 2-Place | Pack of 25 | 3.7 x 2.7 x 0.2 | 93 x 68 x 5 |

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

- Polypropylene protectors ideal for secure shipping and storing of slides
- Large, easy-to-secure snaps, provide safe storage for valuable slides





2-Place

1-Place

Plastic 5-Place Slide Mailers

| Item No. | Color | Capacity | UOM | L x W x H in | L x W x H mm |
|----------|-----------|----------|------------|-----------------|-----------------|
| HS15982 | Natural | 5-Place | Pack of 25 | 3.2 x 0.7 x 1.2 | 81 x 19 x 31 |
| HS15983G | Assorted* | 5-Place | Pack of 25 | 1.7 x 0.9 x 3.5 | 43 x 24 x 88 |
| HS15986 | Natural | - | | | |

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

- Polypropylene containers ideal for secure shipping, storing or staining slides

- Inside wall features slotted channels to keep

Polypropylene containers hold five standard _ slides (76 x 26 mm and 3 x 1 in)

slides separated and to make removal easier - Lid closes securely to keep slides safe

Side Opening HS15982

End Opening HS15986 & HS15983G

Slide Holders

Hold slides during evaluation, cleaning and drying

- Made from chemical-resistant polyethylene making the unit resist stains and easy to clean
- _ Solid, strong construction with rubber feet for benchtop stability
- Angled slide holder slots allow easy access to individual _ slides and viewing of slide labels

| Item No. | Color | Capacity | L x W x H in | L x W x H cm |
|----------|---------|----------|------------------|-------------------|
| HS15981A | Natural | 40-Place | 11.7 x 4.1 x 0.9 | 29.8 x 10.5 x 2.4 |
| HS15981B | Natural | 78-Place | 11.8 x 7 x 0.8 | 29.9 x 17.8 x 2.1 |
| HS15981C | Natural | 15-Place | 6 x 4 x 0.8 | 15.3 x 10.2 x 2.1 |

Slide Staining Tray Set

Reduce possible cross-contamination and messy work areas

This rugged staining tray is an economical alternative to metal versions

- Made from a polypropylene and polyethylene blend for stability
- Up to eight slides fit comfortably onto the base and the deep well holds up to
- Stain, rinse, and dry slides on a single working tray _
- A clean and fresh working surface area every time
- 38 mL Compact size and recessed handles for
- easy transport from work area to sink
- Pack includes 4 trays and 1 lid





LxWxH

30.5 x 12.7 x 3

Safety Products & Dispensers

Protect and comply with our range of safety products and PPE dispensing solutions



Wash Bottles Biohazard Containment PPE Dispensers & Holders

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

closure

- Wide bottle mouth makes filling easier Bottle is made from LDPE, with a PP
- Color-coding for user, application or location identification

| | | | Pack of 6 |
|----------|---------------|----------|-----------|
| Item No. | Cap/Lid Color | Capacity | |
| 120245 | White | | |
| 120246 | Red | | |
| 120247 | Yellow | 500 mL | |
| 120248 | Green | | |
| 120249 | Blue | | |



Create a safer working surface with our reusable Silicone Lab Mats

- Anti-skid to keep glassware in place
- Protect counter tops from stain, spills and wear
- Available in multiple colors and sizes



Wash Bottles Safety Labeled and 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

There is also 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 to increase the flow

- Wide bottle mouth makes filling easier
- Sodium Hypochlorite bottle made from natural LDPE for light protection and has a HDPE closure
- All other bottles are made from LDPE, with a PP closure
- Non-metallic vent that prevents the risk of solvent leakage
- Six named chemicals, a self-labeling** and assorted pack of bottles to choose from

Pack of 6

| Item No. | Cap/Lid C | olor | Description | Capacity |
|----------|-----------|------|---------------------|----------|
| 120250 | Red | • | Acetone | |
| 120251 | Clear | | Distilled Water | |
| 120252 | Yellow | | Isopropanol | |
| 120253 | White | | Ethanol | 500 mL |
| 120254 | Green | | Methanol | 200 IIIL |
| 120255 | Blue | | Sodium Hypochlorite | |
| 120256 | White | | Self-labeling** | |
| 120257 | Assorted* | | Assorted* | |

* Assorted Pack includes one of each: acetone, distilled water, isopropanol, ethanol, sodium hypochlorite & a self-labeling bottle

**Self-labeling bottles must only be used with chemicals that are safe and compatible with LDPE. Labeling stickers included



Safely seal PP and PE bags, sheets or flat tubing with our Heat Sealer

- Heating element measures 31 cm long and is only hot when sealing
- Remove excess material safe with integrated sliding blade



Heat Sealer with Cutter, Page 120



Lead Rings

Stabilize vessels and labware on the bench or 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

| Item No. | Shape | Color | Flask Sizes mL | ID in | ID cm | OD in | OD cm | Weight g |
|----------|-------|--------|-------------------|-----------------|----------|----------|----------|-------------|
| HS8881A | С | Diug - | 125-500 | 1.9 | 4.2 | 3 | 7.5 | 215 |
| HS8882A | 0 | Blue 🗖 | 125-500 | 1.9 | 4.8 | 3 | 7.7 | 210 |
| HS8881B | С | Blue | 250-1000 | 2 | 5.1 | 3.5 | 9 | 465 |
| HS8882B | 0 | Diue | 200-1000 | 2 | 5.1 | 3.5 | 9 | 490 |
| HS8881C | С | | 500 2000 | 2.1 | 5.4 | 3.9 | 9.8 | 595 |
| HS8882C | 0 | Blue 🗖 | 500–2000 | 2.2 | 5.7 | 3.9 | 9.8 | 610 |
| HS8881D | С | | 1000-4000 | 2.6 | 6.6 | 4.4 | 11.3 | 890 |
| HS8882D | 0 | Blue | 1000-4000 | 2.8 | 7 | 4.5 | 11.5 | 935 |

*Weights may vary by +/- 3%

Biohazard Disposal Bags

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

- Polypropylene
- 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



Biohazard Disposal Bags

| Item No. | Color | Thickness mil | Capacity | Packaging | L x W in | L x W cm |
|----------|-------|------------------|----------|-----------|-------------|-------------|
| HS10320 | | | 2 L | 500 | 8 x 12 | 20.3 x 30.5 |
| HS10321 | Ded | 1.6 | 9 L | 200 | 14 x 19 | 35.6 x 48.3 |
| HS10322 | - Red | 1.6 | 19 L | 200 | 19 x 23 | 48.3 x 58.4 |
| HS10323 | | | 40 L | 200 | 25 x 33 | 63.5 x 83.8 |

HDPE Coated Steel Wire Bag Holder

| item No. | L x W x H in | L x W x H cm |
|----------|-----------------|-------------------|
| HS10044H | 3.6 x 5 x 8.4 | 9.1 x 12.8 x 21.3 |
| | *!!-!-!- D'-! | |

*Holds Biohazard Disposal Bag HS10320

items



Autoclavable Disposal Bags

Clear bags imprinted with blue biohazard labeling designed for safe disposal

- Constructed of 2 mil thick polypropylene, Front write-on panel allowing for repeated autoclaving - Strong side seams for securely holding

 - 4 inner packs of 50 bags

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Epoxy Coated HDPE Wire Holder

Case of 200

| Item No. | Color | Capacity | L x W in | L x W cm |
|----------|-------|----------|-------------|-------------|
| HS1002A | | 14 L | 12.2 x 26 | 31 x 66 |
| HS1002B | Clear | 26 L | 16.3 x 23.6 | 41.5 x 60 |
| HS1002C | _ | 69 L | 24 x 31.9 | 62 x 81 |

Sharps Containers

Easy to use and transport

- Clearly labeled with the Biohazard warning on one side
- Provides safe disposal of syringes, needles and other small sharps
- -Stackable to reduce storage space before use
- 1 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, -Pages 34 and 35

| Item No. | Color | L x W x H in | L x W x H cm |
|----------|--------|-----------------|--------------------|
| 120177 | Red 📕 | 4.5 x 4.5 x 7.5 | 11.5 x 11.5 x 19.2 |
| 120178 | Yellow | 4.0 X 4.0 X 7.0 | 11.5 X 11.5 X 19.2 |



PPE Dispensers & Holders

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



| Item No. | Color | L x W x D in | L x W x D cm |
|----------|---------|-----------------|--------------------|
| HS1040C | Clear 🗌 | 8 x 8 x 16 | 20.3 x 20.3 x 40.6 |



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)



| Item No. | Color | L x W x D in | L x W x D cm |
|----------|------------|-----------------|--------------------|
| HS1040B | Neon Green | 8 x 8 x 16 | 20.3 x 20.3 x 40.6 |

3-in-1 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

| Item No. | Color | L x W x D in | L x W x D cm |
|----------|-------|-----------------|--------------------|
| HS1042 | Grey | 16 x 16 x 8 | 40.6 x 40.6 x 20.3 |



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

| Item No. | Color | L x W x D in | L x W x D cm |
|----------|-----------|-----------------|--------------------|
| HS1041 | Neon Blue | 8 x 6 x 6 | 20.3 x 15.2 x 15.2 |
| HS1040A | Neon Blue | 8 x 8 x 16 | 20.3 x 20.3 x 40.6 |



PPE Dispensers & Holders

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® M
- -Use bins to store tubes, tips, etc.

| Item No. | Color | L x W x H in | L x W x H cm |
|----------|-------|-------------------|--------------------------------------|
| HS234523 | Clear | 10.4 x 5.4 x 17.3 | 26.5 x 13.7 x 44 |
| | | Parafilm® is | a registered trademark of Bemis Inc. |

Kimwipes[®] is a registered trademark of Kimberly-Clark





Lab Wipe Holders Holds Kimwipes® and other major brands

Clear acrylic holders fit boxes of small or large lab wipes

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

| Item No. | Description | Color | L x W x H in (cm) |
|----------|--------------|---------|--|
| HS234521 | Small Holder | Clear | 4.6 x 4.8 x 3.3 (11.8 x 12.2 x 8.4) |
| HS234522 | Large Holder | Clear 🗌 | 12.6 x 5 x 3.8 (32 x 12.7 x 9.7) |

Kimwipes® is a registered trademark of Kimberly-Clark

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 -

| Item No. | Color | Compartments | L x W x H in | L x W x H cm |
|----------|--------------|--------------|-----------------|------------------|
| HS23411 | Neon Green 🔳 | 2 | 7.1 x 6.1 x 6.5 | 18 x 15.5 x 16.5 |
| HS23412 | Neon Blue | 1 | 6.1 x 6.1 x 6.7 | 15.5 x 15.5 x 17 |



Clear Acrylic Glove Box Holders

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

| Item No. | Capacity | L x W x H in | L x W x H cm |
|----------|----------|-------------------|--------------------|
| HS23471A | 1 | 10.3 x 5.9 x 4.5 | 26.3 x 14.6 x 11.4 |
| HS23471B | 2 | 11.4 x 10.3 x 4.5 | 29.2 x 26 x 11.4 |
| HS23471C | 3 | 11.6 x 15.2 x 4.3 | 29.4 x 38.8 x 11.6 |





HDPE Coated Wire Glove Box Holders

Keep gloves organized & ready for immediate use

- HDPE-coated steel wire racks are an economical solution
- 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

| Item No. | Capacity | L x W x H in | L x W x H cm |
|----------|----------|------------------|------------------|
| HS23457 | 1 | 5.5 x 8.2 x 4.3 | 14 x 20.9 x 10.8 |
| HS23458 | 3 | 9.8 x 17.9 x 4.3 | 25 x 45.4 x 10.8 |

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

_

Item No.

- Universal fit for most major brands of glove boxes
- Modular design allows single boxes or
- horizontal stacking for multiple box holders
- Mounting screws included
- US Patent No. 6669157 Pack of 3 Color Description LxWxH LxWxH

| | | | 111 | GIII |
|----------|----------------|-------|------------------|-------------------|
| 120258 | Standard | White | — 10 x 6.1 x 3.8 | 25.4 x 15.6 x 9.7 |
| HS23491A | Anti-microbial | Blue | 10 x 0.1 x 3.0 | 23.4 x 13.0 x 9.7 |
| | | | | |

Microban[®] 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.





Delivery

We stock our warehouse to ensure product availability and on-time delivery. By offering low minimum order quantities, we help dealers efficiently maintain lower stocking levels.



Sealing & Labeling

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



Heat Sealer Parafilm & Dispensers Films, Tapes & Foils Labels

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 - Can seal a bag up to 12 in (30.5 cm) long Heating element measures 31 cm long and is only hot when sealing Includes one replacement part kit _ Additional replacement part kits can be ordered _ separately SEALER Timing **Replacement Part Kit:** knob ensures - 2 extra blades, safe - 2 extra heating elements, sealing - 2 extra PTFE cloths Item No. **Power Supply** L x <u>W X H</u> LxWXH in ст HS28270 220-230 VAC, UK 17.6 x 3.4 x 6.5 44.6 x 8.6 x 16.6 HS28271 220-230 VAC, Cont. Europe/Israel $\langle \bullet \bullet \rangle$



110-120 VAC, US/Taiwan/Japan

Replacement Part Kit

11

HS28272

HS28280

Foil Rolls

Designed for easy use and minimal waste

- Two sizes available for covering small surface such as beakers, flasks, tubes and Petri dishes

- Withstands autoclaving, incubating and freezing temperatures

| Item No. | Thickness mm | Roll Width in cm | | Roll Length ft m | |
|----------|-----------------|---------------------|------|---------------------|-------|
| HS23534A | 0.015 | 4 | 10.2 | 500 | 152.4 |
| HS23536A | 0.015 | 6 | 15.3 | 500 | 152.4 |

Box Top Dispenser for Parafilm® M Sealing Film

Easy application

Simply place the dispenser on top of the Parafilm[®] M box and pull the sealing film through, there is no need to remove rolls from the packaging

- Accommodates two 50 mm or one 100 mm Parafilm® M rolls
- Built in safety blade slides and cuts with no danger to fingertips and eliminates the need for scissors
- Supplied with two safety blades, additional replacement blades are available for purchase
- Made with ABS plastic making the unit easy to clean

| Item No. | | | L x W x H in | L x W x H cm |
|----------|---------|------------|--------------------------|-------------------|
| 120667 | Blue | | | |
| 120668 | Purple | | 4.9 x 6.8 x 3.9 | 12.3 x 17.2 x 9.9 |
| 120758 | Natural | | | |
| Item No. | | | | |
| 120722 | Re | eplacement | Blades for Box Top Dispe | nser, Pack of 3 |

Parafilm[®] M is a registered trademark of Amcor Limited





ABS Dispenser for Parafilm® M Sealing Film

Store, dispense, and cut Parafilm $^{\otimes}$ M, tape, labels, and Tough-Tags $^{\otimes}$

- ABS plastic dispenser designed with integrated safety razor that slides smoothly creating a clean cut
- Supplied with two safety blades, additional replacement blades are available for purchase
- Dispenser holds one or two 50 mm (2-inch) rolls or one 100 mm (4-inch) roll

| Item No. | | L x W x H in | L x W x H cm |
|-----------|-------|-----------------|------------------|
| HS234525B | Blue | | |
| HS234525C | Green | 4.7 x 6.1 x 6.7 | 12 x 15.6 x 17.1 |
| HS234525D | Red | | |

Item No.

HS234525R Replacement Blades for ABS Dispenser, *Pack of 5*

Parafilm[®] M is a registered trademark of Amcor Limited Tough-Tags[®] is a registered trademark of Diversified Biotech

Acrylic Dispenser for Parafilm® M Sealing Film

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

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

| Item No. | L x W x H | L x W x H |
|----------|-----------------|---|
| | in | ст |
| HS234524 | 4.7 x 6.6 x 6.9 | 11.9 x 16.8 x 17.5 |
| | Parafilm | [®] M is a registered trademark of Amcor Limited |
| | Tough-Tags® | is a registered trademark of Diversified Biotech |



Cryo-Babies[®] and Cryo-Tags[®] Down temperature Labels Chemically inert Adheres to most plastics (100% virgin PP tubes recommended), glass and metals without cracking, peeling or degrading Flexible polyolefin material and acrylic adhesive expand and contract with temperature fluctuations





| Cryo-Babies® on a Ro | ll | | |
|----------------------|--------------------------------|--------------------------------|--------------------------------|
| Ideal Use | 0.5 mL Tubes | 1.5 mL Tubes | General Purpose |
| | LABEL | LABEL | LABEL |
| Label Dimensions | 0.94 x 0.50 in (24 x 13 mm) | 1.28 x 0.50 in (33 x 13 mm) | 1.50 x 0.75 in (38 x 19 mm) |
| UOM | 1,000/roll | 1,000/roll | 1,000/roll |
| Item No. | | | |
| White | HEACRY-0500 | HEACRY-1000 | HEACRY-2000 |
| Blue | - | HEACRY-1000-B | HEACRY-2000-B |
| Green | - | HEACRY-1000-G | HEACRY-2000-G |
| Orange | - | HEACRY-1000-0 | HEACRY-2000-0 |
| Red | - | HEACRY-1000-R | HEACRY-2000-R |
| Yellow | - | HEACRY-1000-Y | HEACRY-2000-Y |

Cryo-Babies® and Cryo-Tags® are registered trademarks of Diversified Biotech, Inc

For write-on labels, see our selection of Sharpie® Pens



Dual-tip & Standard Fine Tip Sharpie® Pens, Page 26

Cryo-Babies® and Cryo-Tags® Low Temperature Labels

For secure uncompromised labeling

- Chemically inert
- Adheres to most plastics (100% virgin PP tubes recommended), glass and metals without cracking, peeling or degrading
- Flexible polyolefin material and acrylic adhesive expand and contract with temperature fluctuations





Laser Cryo-Tags® and Cryo-Babies® on Sheets formatted for laser printers

| Ideal Use | 0.5 mL Tubes | 1.5 mL Tubes | 1.5 mL Tubes | Cryogenic Vials | Bottles & Beakers | Microplates |
|------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|------------------------------|-------------------------------|
| | | | | | | |
| Label Dimensions | 0.94 x 0.50 in (24 x 13 mm) | 1.28 x 0.50 in (33 x 13 mm) | 1.28 x 0.50 in (33 x 13 mm) | 1.69 x 0.75 in (43 x 19 mm) | 3.0 x 2.0 in (76 x 51 mm) | 1.50 x 0.25 in (38 x 6 mm) |
| Labels/Sheet | 119 | 51 | 85 | 52 | 12 | 156 |
| Labels/pk | 2,380 | 1,020 | 1,700 | 1,040 | 240 | 3,120 |
| UOM | 20/pk | 20/pk | 20/pk | 20/pk | 20/pk | 20/pk |
| Item No. | | | | | | |
| White | HEALCRY-2380 | HEAMINI-1700 | HEALCRY-1700 | HEALCRY-1100 | HEALCRY-3020 | HEASIDE-1000 |
| Blue | HEALCRY-2380-B | - | HEALCRY-1700-B | HEALCRY-1100-B | - | HEASIDE-1100 |
| Green | HEALCRY-2380-G | - | HEALCRY-1700-G | HEALCRY-1100-G | - | HEASIDE-1200 |
| Orange | HEALCRY-2380-0 | - | HEALCRY-1700-0 | HEALCRY-1100-0 | - | HEASIDE-1300 |
| Red | HEALCRY-1380-R | - | HEALCRY-1700-R | HEALCRY-1100-R | - | HEASIDE-1400 |
| Yellow | HEALCRY-1380-Y | - | HEALCRY-1700-Y | HEALCRY-1100-Y | HEALCRY-3020-Y | HEASIDE-1500 |
| Rainbow* | HEARNBW-2300 | - | HEARNBW-2200 | HEARNBW-2000 | - | HEARNBW-2400 |

Laser Cryo-Tags® and Cryo-Babies® on Sheets formatted for laser printers - continued

| ldeal Use | Microscope Slides | Racks & Boxes | Racks & Boxes | Racks & Boxes | General Purpose | General Purpose |
|------------------|------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------|
| | | | | | | |
| Label Dimensions | 1.0 x 1.0 in (25 x 25 mm) | 2.50 x 0.50 in (64 x 13 mm) | 2.625 x 1.0 in (67 x 25 mm) | 1.125 x 1.75 in (29 x 45 mm) | 8.5 x 11.0 in (216 x 279 mm) | 1.50 x 0.75 in (38 x 19 mm) |
| Labels/Sheet | 80 | 60 | 30 | 42 | 1 | 60 |
| Labels/pk | 1,600 | 1,200 | 600 | 840 | 20 | 1,200 |
| UOM | 20/pk | 20/pk | 20/pk | 20/pk | 20/pk | 20/pk |
| Item No. | | | | | | |
| White | HEALCRY-1400 | HEALCRY-2500 | HEALCRY-1258 | HEALCRY-1300 | HEALCRY-1000 | HEALCRY-1200 |
| Blue | - | - | HEALCRY-1258-B | - | - | HEALCRY-1200-B |
| Green | - | - | HEALCRY-1258-G | - | - | HEALCRY-1200-G |
| Orange | - | - | HEALCRY-1258-0 | - | - | HEALCRY-1200-0 |
| Red | - | - | HEALCRY-1258-R | - | - | HEALCRY-1200-R |
| Yellow | - | - | HEALCRY-1258-Y | HEALCRY-1300-Y | - | HEALCRY-1200-Y |
| Rainbow* | - | - | HEARNBW-2500 | - | - | HEARNBW-2100 |

*Rainbow 4 sheets of each Blue, Green, Orange, Red, Yellow

Cryo-Babies[®] and Cryo-Tags[®] are registered trademarks of Diversified Biotech. Inc

Tough-Spots[®] Tube Labels Pre-cut peel off labels for tube tops

- Adheres to most plastics, glass, and metals without cracking, peeling or degrading
- Flexible polyolefin material and acrylic adhesive



| Tough-Spots® | on | а | Roll | |
|--------------|----|---|------|--|
|--------------|----|---|------|--|

| ldeal Use | 0.2 mL Tubes | 0.5 mL Tubes | 1.5/2.0 mL Tubes | 1.5/2.0 mL Tubes | 15-50 mL Tubes | 50 mL Tubes |
|----------------|------------------|-----------------|------------------|------------------|----------------|----------------|
| Label Diameter | 0.1875 in/4.8 mm | 0.375 in/9.5 mm | 0.4375 in/11 mm | 0.50 in/13 mm | 0.75 in/19 mm | 1.0 in/25 mm |
| UOM | 1,500/roll | 1,000/roll | 1,000/roll | 1,000/roll | 500/roll | 500/roll |
| Item No. | | | | | | |
| White | HEATS-TNY | HEAT-SPOTS | HEATSPOTS-44 | HEAT-SPOTS-50 | HEATSPOTS-75 | HEAT-SPOTS-100 |
| Blue | - | HEAT-SPOTS-B | - | HEAT-SPOTS-50-B | - | - |
| Coffee | - | HEAT-SPOTS-C | - | HEAT-SPOTS-50-C | - | - |
| Gold | - | HEAT-SPOTS-D | - | HEAT-SPOTS-50-D | - | - |
| Green | - | HEAT-SPOTS-G | - | HEAT-SPOTS-50-G | | - |
| Lavender | - | HEAT-SPOTS-L | - | HEAT-SPOTS-50-L | - | - |
| Maroon | - | HEAT-SPOTS-M | - | HEAT-SPOTS-50-M | - | - |
| Orange | - | HEAT-SPOTS-0 | - | HEAT-SPOTS-50-0 | - | - |
| Pink | - | HEAT-SPOTS-P | - | HEAT-SPOTS-50-P | - | - |
| Red | - | HEAT-SPOTS-R | - | HEAT-SPOTS-50-R | - | - |
| Silver | - | HEAT-SPOTS-S | - | HEAT-SPOTS-50-S | - | - |
| Yellow | - | HEAT-SPOTS-Y | - | HEAT-SPOTS-50-Y | - | - |





- Label sheets are top coated and heat-resistant to prevent jams in laser printers
- Printer formatting instruction included



Laser Tough-Spots® on Sheets formatted for laser printers

| ldeal Use | 0.2 mL Tubes | 0.5 mL Tubes | 1.5/2.0 mL Tubes | 1.5/2.0 mL Tubes | 15-50 mL Tubes |
|----------------|-----------------|-----------------|------------------|------------------|----------------|
| | | | | | |
| Label Diameter | 0.375 in/9.5 mm | 0.4375 in/11 mm | 0.50 in/13 mm | 0.75 in/19 mm | 1.0 in/25 mm |
| Labels/sheet | 192 | 234 | 192 | 108 | 63 |
| Labels/pk | 3,840 | 4,680 | 3,840 | 2,160 | 1,260 |
| UOM | 20/pk | 20/pk | 20/pk | 20/pk | 20/pk |
| ltem No. | | | | | |
| White | HEASPOT-1000 | HEASPOT-5000 | HEASPOT-2000 | HEASPOT-3000 | HEASPOT-4000 |
| Blue | HEASPOT-1100 | - | HEASPOT-2100 | - | - |
| Green | HEASPOT-1200 | - | HEASPOT-2200 | - | - |
| Orange | HEASPOT-1300 | - | HEASPOT-2300 | - | - |
| Red | HEASPOT-1400 | - | HEASPOT-2400 | - | - |
| Yellow | HEASPOT-1500 | - | HEASPOT-2500 | - | - |
| Rainbow* | HEARNBW-1000 | - | HEARNBW-1100 | - | - |

*Rainbow 4 sheets of each Blue, Green, Orange, Red, Yellow Tough-Spots® is a registered trademarks of Diversified Biotech, Inc

Tough-Tags[®] Tube Labels Pre-cut labels for identification

- Adheres to most plastics, glass, and metals without cracking, peeling or degrading
- Flexible polyolefin material and acrylic adhesive



Tough-Tags® on a Roll

| Ideal Use | 0.2 mL Tubes | 0.5 mL Tubes | 1.5/2.0 mL Tubes | General Purpose | Microplates |
|----------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|
| Label Diameter | 0.81 x 0.28 in/21 x 7 mm | 0.94 x 0.50 in/24 x 13 mm | 1.28 x 0.50 in/33 x 13 mm | 1.50 x 0.75 in/38 x 19 mm | 1.50 x 0.28 in/38 x 6 mm |
| UOM | 1,500/roll | 1,000/roll | 1,000/roll | 1,000/roll | 1,000/roll |
| Item No. | | | | | |
| White | HEATT-TNY | HEATTSW-1000 | HEATTLW-1000 | HEATTGP-1000 | HEATT-SWALL |
| Blue | - | HEATTSB-1000 | HEATTLB-1000 | - | - |
| Green | - | HEATTSG-1000 | HEATTLG-1000 | - | - |
| Orange | - | HEATTSO-1000 | HEATTLO-1000 | - | - |
| Red | - | HEATTSR-1000 | HEATTLR-1000 | - | - |
| Yellow | - | HEATTSY-1000 | HEATTLY-1000 | - | - |
| Clear | - | HEATTSC-1000 | HEATTLC-1000 | - | - |

- Label sheets are top coated and heat-resistant _ to prevent jams in laser printers
- Printer formatting instruction included _



121° C

Laser Tough-Tags® on Sheets formatted for laser printers

| ldeal Use | 0.5 mL Tubes | 1.5/2.0 mL Tubes | General Purpose | Microscope Slides |
|-----------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | | | | |
| abel Dimensions | 0.94 x 0.50 in/24 x 13 mm | 1.28 x 0.50 in/33 x 13 mm | 1.50 x 0.75 in/38 x 19 mm | 0.94 x 0.94 in/22 x 22 mm |
| .abels/Sheet | 119 | 85 | 60 | 96 |
| abels/pk | 2,975 | 2,125 | 1,500 | 2,400 |
| OM | 25/pk | 25/pk | 25/pk | 25/pk |
| tem No. | | | | |
| Vhite | HEATTSW-2240 | HEATTLW-2016 | HEATTLW-1050 | HEAMISL-1000 |
| Blue | HEATTSW-2240-B | HEATTLW-2016-B | HEATTLW-1050-B | HEAMISL-1000-B |
| Green | HEATTSW-2240-G | HEATTLW-2016-G | HEATTLW-1050-G | HEAMISL-1000-G |
|)range | HEATTSW-2240-0 | HEATTLW-2016-0 | HEATTLW-1050-0 | HEAMISL-1000-0 |
| Red | HEATTSW-2240-R | HEATTLW-2016-R | HEATTLW-1050-R | HEAMISL-1000-R |
| éllow | HEATTSW-2240-Y | HEATTLW-2016-Y | HEATTLW-1050-Y | HEAMISL-1000-Y |
| Rainbow* | HEARNBW-3100 | HEARNBW-3000 | HEARNBW-3200 | HEARNBW-3300 |

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

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

| Item No. | Color | L x W x H in | L x W x H cm |
|----------|-------|---------------------|--------------------------|
| HS23460 | Blue | 11 x 4.7 x 3.5 | 28 x 12 x 8.9 |
| | | Tough-Tags®, Crvo-B | Pabies® and Tough-Spots® |

are registered trademarks of Diversified Biotech, Inc.

<u> ซึ่งได้หรือคือ เชื่อ เชื่อ</u> OUGH-SPOTS Labels shown not included, order separately

Tough-Tags[®]

is a registered trademarks

of Diversified Biotech, Inc

Charts & References



Plastic Material References Product Number Index Product Alpha Index

Plastic Material References

Chemical Resistance of Plastics

 ${\bf G}\,$ Good Resistance: continuous exposure to the substance does not cause damage within 30 days

F Fair Resistance: continuous exposure to the substance causes minor damage within 7-30 days

P Poor Resistance: not suitable for continuous exposure to the substance. Immediate damage may occur

| | LD | PE | HD | PE | Р | P | | ИР РХ) | P | VC | P | C | ABS | S/PS | S/ | AN | PM | MA | PT | FE | PC | DM |
|---|----|--------|--------|--------|--------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|
| TEMPERATURE °C | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 |
| Acetaldehyde | G | Р | G | F | F | Р | F | Р | Р | Р | F | Р | Р | Р | Р | Р | Р | Р | G | G | G | G |
| Acetic Acid (Glacial) | F | Р | G | G | G | F | F | F | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Acetic Anhydride | Р | Р | F | F | F | F | G | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Acetone | F | Р | Р | P | F | Р | G | G | Р | Р | P | P | Р | Р | P | P | Р | Р | G | G | G | G |
| Ammonium Chloride (10%) | G | G | G | G | G | G | G | G | G | F | F | F | G | G | G | G | F | F | G | G | • | |
| Ammonium Hydroxide (30%) | G | G | G | G | G | G | G | G | G | P | P | F | F | F | F | F | F | F | G | G | G | G |
| Amyl Acetate | F | Р | G | F | F | P | G | F | Р | P P | P P | P P | P | P P | P P | P P | G P | G P | G | G | G | G |
| Aniline (Phenylamine) | G | F P | G P | G P | G P | G P | G P | Р | P P | P | P | P | P P | P | F | P | P | P | G G | G G | F G | G |
| Aqua Regia Benzaldehyde | G | F | F | P | P | F | G | F | P | P | P | P | г Р | P | Р | P | P | P | G | G | G | G |
| Benzene | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | G | G | G | F |
| Benzoic Acid | G | G | G | G | G | F | G | G | G | F | G | F | F | F | G | G | G | G | G | G | u | |
| Boric Acid (10%) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G |
| Butyl Acetate | F | F | F | F | F | F | F | F | G | P | P | P | P | P | P | P | P | P | G | G | G | F |
| Butyric Acid (Butanoic acid) | P | P | F | P | P | P | P | P | G | P | P | P | P | P | P | P | P | P | G | G | ŭ | |
| Calcium Hydroxide (Saturated) | G | G | G | G | G | G | G | G | G | G | P | P | F | F | G | G | F | P | G | G | G | G |
| Carbon Disulphide | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | G | G | G | G |
| Carbon Tetrachloride | F | Р | F | Р | F | Р | Р | Р | G | Р | Р | Р | Р | Р | F | Р | Р | Р | G | G | F | F |
| Chloroform | F | Р | F | Р | Р | Р | Р | Р | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Citric Acid (1M) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | | G | G | | |
| Cresol | Р | Р | F | Р | F | F | Р | Р | Р | Р | Р | Р | F | Р | Р | Р | Р | Р | G | G | | |
| Cyclohexane | F | Р | F | Р | F | Р | Р | Р | Р | Р | G | F | Р | Р | F | Р | F | | G | G | G | G |
| Dibutyl Phthalate | F | Р | F | Р | F | Р | F | F | Р | Р | F | Р | Р | Р | Р | Р | Р | Р | G | G | G | G |
| Dichlorobenzene | F | Р | F | Р | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Diethyl Ether | Р | Р | F | Р | F | Р | Р | Р | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | G | G |
| Diethylene Glycol | G | G | G | G | G | G | G | G | F | Р | F | F | G | G | G | G | Р | Р | G | G | G | G |
| Dimethyl Formamide (DMF) | G | G | G | G | G | G | G | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | G | G |
| Dimethyl Sulfoxide (DMSO) | G | G | G | G | G | G | G | G | Р | Р | Р | Р | | F | Р | Р | Р | Р | G | G | | |
| Dioxane | F | F | F | F | Р | Р | F | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | F | F |
| Ethyl Acetate (Ethyl Ester) | G | G | G | G | F | Р | F | Р | Р | Р | Р | Р | F | Р | Р | Р | Р | Р | G | G | | |
| Ethyl Alcohol (Absolute Ethanol) | G | F | G | G | G | G | G | F | G | G | G | F | G | F | P | P | P | Р | G | G | G | G |
| Ethyl Chloride (Chloroethane) | F | Р | Р | P | F | Р | F | P | Р | P | P | P | F | Р | P | P | P | Р | G | G | D | |
| Ethylene Chloride | F | Р | Р | Р | F | Р | F | P | P | P | P | P | F | Р | P | P | P | P | G | G | P | P |
| Ethylene Oxide (Pure) | F | F | F | F | F | P | F | Р | P | Р | F | P | P | P | Р | Р | G | G | G | G | G | G |
| Ethylene Oxide (Gas) Formaldehyde (Formalin) 40% | F | F | G G | G | G | G G | F | F G | F G | F | G | G | G | F | F | F | G G | G | G G | G G | G | C |
| Formic Acid (50%) | G | F | G | G | G G | F | G G | G | G | G | G | G | F | F | G | F | G | Г | G | G | G | G |
| Formic Acid (100%) | F | F | G | G | G | F | G | G | G | P | F | P | F | F | P | P | | | G | G | Р | Р |
| Glycerine (Glycerol) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | F | F |
| Hexane | P | P | F | F | F | F | F | P | G | P | F | P | P | P | G | G | G | u | G | G | G | G |
| Hydrobromic Acid (69%) | G | G | G | F | G | F | G | G | G | G | F | F | F | F | F | F | P | Р | G | G | P | P |
| Hydrochloric Acid (5%) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | F | | G | G | P | P |
| Hydrochloric Acid (35%) | G | G | G | G | G | F | G | F | G | G | F | P | G | G | G | F | Р | Р | G | G | Р | Р |
| Hydrofuoric Acid (48%) | G | G | G | G | G | F | G | F | F | F | F | Р | Р | Р | G | F | Р | Р | G | G | Р | Р |
| Hydrogen Peroxide (30%) | G | G | G | G | G | F | G | F | G | G | G | G | G | F | G | G | F | Р | G | G | G | Р |
| Lactic Acid (85%) | G | G | G | G | G | F | G | F | G | F | G | F | G | G | G | G | G | G | G | G | G | Р |
| Methyl Acetate | G | Р | G | G | G | F | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | | | G | G | | |
| Methyl Alcohol (Methanol) | G | F | G | G | G | G | G | F | G | G | F | F | F | F | Р | Р | Р | Р | G | G | G | G |
| Methyl Ethyl Ketone (Butanone) | Р | Р | Р | Р | G | G | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | | |
| Methylene Chloride (Dichloro Methane) | Р | Р | G | Р | G | Р | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Mineral Oil | F | G | G | G | G | F | G | F | G | G | G | G | G | G | G | G | G | G | G | G | G | G |
| Nitric Acid (10%) | G | G | F | F | F | F | F | F | F | G | G | F | F | G | F | F | G | | G | G | Р | Р |
| Nitric Acid (70%) | G | Р | G | Р | Р | Р | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Nitrobenzene | Р | Р | Р | Р | Р | Р | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | F | Р |
| Oxalic Acid (10%) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G |
| Perchloric Acid (70%) | F | Р | F | Р | F | Р | F | Р | F | Р | P | P | F | F | F | F | G | G | F | F | Р | Р |
| Phenol (100%) | Р | Р | Р | P | Р | P | G | Р | Р | P | P | P | Р | P | P | P | Р | Р | G | G | Р | Р |
| Phosphoric Acid (85%) | G | Р | G | G | G | F | G | F | G | F | G | F | G | F | G | G | F | Р | G | G | G | P |
| | | | | | | | | | | | | | | | | | | | | | | |

| | LD | PE | HD | PE | Р | Р | | /IP PX) | P۱ | /C | Р | C | ABS | /PS | S/ | ۸N | PM | MA | PT | FE | PC | DM |
|---------------------------|----|----|----|----|----|----|----|------------|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|
| TEMPERATURE °C | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 | 20 | 50 |
| Picric Acid | Р | Р | Р | Р | Р | Р | G | G | Р | Р | Р | Р | F | F | G | G | | | G | G | | |
| Potassium Hydroxide (30%) | G | G | G | G | G | G | G | G | G | G | Р | Р | F | F | G | G | G | G | G | G | G | G |
| Potassium Permanganate | G | G | G | G | G | F | G | G | G | F | G | G | G | F | F | F | F | Р | G | G | F | F |
| Propylene Glycol | G | G | G | G | G | G | G | G | F | F | F | F | G | G | G | G | | | G | G | G | G |
| Pyridine | Р | Р | Р | Р | G | G | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | G | F |
| Salicylic Acid | G | G | G | G | G | G | G | G | F | F | G | F | G | F | G | F | | | G | G | Р | Р |
| Silver Nitrate | G | F | G | G | G | G | G | G | G | F | G | G | G | G | G | F | | | G | G | F | F |
| Sodium Hydroxide (50%) | F | F | G | G | G | G | G | G | G | G | Р | Р | G | F | G | F | G | Р | G | G | G | G |
| Sodium Hypochlorite (15%) | G | F | G | F | F | Р | G | G | G | G | F | F | G | F | G | G | G | G | G | G | | |
| Sulphuric Acid (20%) | G | G | G | G | G | G | G | G | G | F | G | F | G | G | G | F | G | G | G | G | | |
| Sulphuric Acid (60%) | G | F | G | F | F | F | G | F | G | F | F | F | G | F | Р | Р | Р | Р | G | G | Р | Р |
| Sulphuric Acid (98%) | F | F | F | F | F | G | F | F | F | Р | Р | Р | F | F | Р | Р | Р | Р | G | G | Р | Р |
| Tetrahydrofuran (THF) | F | Р | F | G | F | F | F | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | F | F |
| Toluene | F | Р | Р | Р | Р | Р | F | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Trichloroacetic Acid | F | Р | F | Р | F | F | G | G | F | Р | F | Р | F | Р | Р | Р | | | G | G | | |
| Trichloroethylene | Р | Р | Р | Р | Р | Р | G | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | Р | Р |
| Turpentine | F | Р | F | Р | F | Р | F | Р | F | F | F | Р | Р | Р | F | Р | F | Р | G | G | G | G |
| Xylene | Р | Р | F | Р | Р | Р | F | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | G | G | G | G |
| Zinc Chloride (10%) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | F |
| Zinc Sulphate (10%) | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | G | F | Р |

Physical Properties of Plastics

| | LDPE | HDPE | PP | PMP (TPX) | PC | PS | РММА | PTFE |
|--------------------|-------------|-------------|-------------|-----------|----------|-------|--------|--------|
| | LDIL | | | | 10 | 15 | I WIMA | |
| Max Usage Temp. °C | 80 | 120† | 135 | 145 | 135 | 90 | 50 | 260 |
| Min Usage Temp. °C | -50 | -100 | -20‡ | -180 | -135 | -40 | -60 | -200 |
| Transparency | Translucent | Translucent | Translucent | Clear | Clear | Clear | Clear | Opaque |
| Flexability | Flexible | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid | Rigid |
| Specific Gravity | 0.92 | 0.95 | 0.9 | 0.83 | 1.2 | 1.05 | 1.2 | 2.2 |
| Microwavable | Yes | No | Yes | Yes | Marginal | No | No | Yes |
| Sterilization | | | | | | | | |
| Autoclavable | No | No | Yes | Yes | Yes | No | No | Yes |
| Gas | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes |
| Dry Heat | No | No | No | Yes | No | No | No | Yes |
| Radiation (Gamma) | Yes | Yes | No | No | Yes | Yes | Yes | Yes |
| Disinfection | Yes | Yes | Yes | Yes | Yes | Some | Some | Yes |

† Polymer may be malleable at temperatures above 80°C if the product is under structural stress

‡ Material may become brittle at low temperatures

Note:

The information provided in the Chemical Resistance of Plastics chart is intended to provide guidelines for reference only. 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.

Sterilization:

Autocalving (121°C, 16 psi for 15 minutes)—Clean and rinse items with distilled _ water before autoclaving. (Always completely disengage thread before autoclaving.) Certain chemicals which have no appreciable effect on resins at room temperature may - Radiation—gamma irradiation at 25 kGy (2.5 MRad) with unstabilized plastic. cause deterioration at autoclaving temperatures unless removed with distilled water beforehand.

- Dry heat (160°C, 120 minutes)

- Disinfectants-Benzalkonium chloride, formalin/formaldehyde, ethanol, etc.

Gas-Ethylene Oxide, formaldehyde, hydrogen peroxide.

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| 120000 | 20 | 120116 | 55 | 120262 | 98 | 120569 | 9 | 120730 | 50 |
|--------|----------|--------|-----------|--------|-------|--------|-------|----------------|----------|
| 120003 | 59 | 120117 | 55 | 120265 | 120 | 120505 | 9 | 120731 | 50 |
| 120003 | 59 | 120118 | 55 | 120205 | 58 | 120575 | | 120732 | 50 |
| 120005 | 59 | 120148 | | 120312 | 58 | 120576 | 104 | 120733 | 50 |
| 120005 | 59 59 | 120140 | 11 | 120313 | 58 | 120577 | 104 | 120734 | 50 |
| 120007 | 59 59 | 120133 | 40 | 120314 | 58 | 120578 | 104 | 120735 | 50 50 |
| 120007 | | 120172 | 40 114 | 120315 | | 120578 | 104 | 120738 | |
| 120000 | 59 62 | 120178 | 114 | 120310 | | 120579 | | 120739 | 10 |
| 120010 | 62 | 120178 | | 120318 | | 120582 | | 120740 | 106 |
| 120011 | | 120185 | | 120327 | 13 | 120582 | | 120740 | 100 |
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| 120015 | 6,7 | 120186 | | 120329 | | 120585 | | 120747 | |
| 120018 | | 120187 | | 120330 | | 120592 | 104 | 120748 | 25 |
| 120021 | | 120188 | | 120331 | | 120593 | | 120758 | |
| 120026 | 47 | 120189 | | 120332 | 13 | 120595 | | 120759 | |
| 120032 | | 120190 | | 120333 | | 120598 | | 120760 | |
| 120033 | | 120191 | | 120356 | | 120599 | | 120761 | |
| 120034 | | 120195 | | 120365 | | 120604 | | 120762 | |
| 120035 | | 120196 | 107 | 120366 | | 120610 | | 120763 | |
| 120036 | | 120197 | 107 | 120367 | | 120611 | .8 | 120764 | |
| 120037 | | 120201 | 75,94 | 120370 | | 120617 | 14 | 120765 | |
| 120038 | | 120202 | | 120371 | | 120618 | | 120766 | |
| 120039 | | 120203 | 75,94 | 120372 | | 120622 | | 120767 | |
| 120040 | | 120204 | | 120375 | | 120623 | | 120768 | |
| 120041 | | 120205 | | 120376 | | 120624 | 6 | 120769 | |
| 120042 | | 120206 | | 120379 | | 120625 | 59 | 120770 | |
| 120043 | | 120207 | | 120383 | | 120626 | | 120771 | |
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| 120056 | | 120212 | | 120391 | | 120638 | | 120792 | |
| 120057 | | 120214 | 13 | 120392 | | 120639 | | 120793 | 28 |
| 120070 | 91 | 120215 | 18 | 120398 | | 120640 | 51 | 120813 | |
| 120071 | | 120216 | | 120399 | | 120641 | | 120814 | |
| 120072 | | 120217 | | 120422 | 13 | 120642 | | 120815 | |
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| 120075 | | 120220 | | 120479 | | 120645 | 51 | 120827 | 14 |
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| 120077 | | 120222 | | 120481 | | 120647 | | 120835 | 38,86 |
| 120078 | | 120223 | | 120487 | 16 | 120648 | | 120836 | 57 |
| 120085 | | 120224 | | 120491 | 8,15 | 120649 | | 120845 | 54 |
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| 120087 | | 120226 | | 120506 | | 120651 | | 120847 | 54 |
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| 120100 | | 120247 | 111 | 120539 | | 120667 | | 120856 | 61 |
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| 120104 | | 120251 | 112 | 120548 | | 120683 | | 120881 | 57 |
| 120105 | 18 | 120252 | 112 | 120549 | 12 | 120684 | | 120882 | 57 |
| 120106 | 18 | 120253 | 112 | 120550 | | 120685 | | 120884 | 14 |
| 120107 | | 120254 | 112 | 120551 | | 120686 | | | |
| 120108 | | 120255 | 112 | 120552 | | 120687 | | HEA | 102 |
| 120110 | | 120256 | 112 | 120553 | | 120690 | 51 | HEACRY-0500 | |
| 120111 | | 120257 | 112 | 120554 | | 120710 | | HEACRY-1000(x) | |
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| HEALCRY-1380(x) | 124 | Н |
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| HEALCRY-3020(x) | 124 | H |
| HEAMINI-1700 | 124 | H |
| HEAMISL-1000(x) | 126 | Н |
| HEAPSEAL-108(x) | 122 | н |
| HEARNBW-1(x)00 | 125 | H |
| HEARNBW-2(x)00 | 124 | н |
| HEARNBW-3(x)00 | 126 | H |
| HEASIDE-1(x)00) | 130 | н |
| HEASPOT-1(x)00 | 125 | н |
| HEASPOT-2(x)00 | 125 | н |
| HEASPOT-3000 | 125 | H |
| HEASPOT-4000 | 125 | н |
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| HS9904 HS9913 HS9914 HS9930 HS10044H HS10050 | 108 107 107 107 114 7 |
| HS9904 HS9913 HS9914 HS9930 HS10044H HS10050 HS10060 | 108 107 107 107 114 7 67 |
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| HS9904 HS9913 HS9914 HS9930 HS10044H HS10050 HS10060 HS10320 HS10321 | 108 107 107 107 114 7 67 114 114 |
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