Heathrow Scientific®

design | function | innovation

Table of Contents

Everything you need for a well stocked laboratory or educational environment

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.

5 Year Warranty

MagFuge®
A high-speed mini centrifuge and magnetic stirrer in one unit

5 Year Warranty

Holds
5.0 mL
Tubes

EASY SWITCH OVER
NO TOOLS REQUIRED

Two Units in One!

High-Speed Mini Centrifuge

High-speed Centrifuge is easy to use and designed to deliver maximum speed (12,500rpm/9,783x g) and flexibility with rapid acceleration and fast controlled breaking

Ideal for most protocols requiring fast spins including PCR, micro- filter cell separation and HPLC. Versatility to handle 0.2, 0.5, 1.5, 2.0 and 5.0 mL tube sizes

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 ▪▪		

Replacement 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
120682	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

CE SGS C RoHS Compliant UKCA

Magnetic Stirrer

High-performance Magnetic Stirrer is designed using high quality rare earth magnets creating a robust magnetic coupling that significantly reduce the chance of spin-outs

Perfect for work with sensitive samples and protocols up to 3L requiring aggressive mixing for full dilution

Easy to Use

- 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 mm x 12 mm, cylindrical shape	
1.5/2.0 mL Tube Rotor	2 Silicone Mats for Stirrer Lid	
1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs		
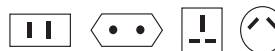
Specifications: Centrifuge	
Speed Range	500 – 999 rpm (increments of 1); 1,000 – 5,000 rpm (increments of 5); 5,000 – 12,500 rpm (increments of 25)
RCF	16 – 9,783 x g (max RCF calculated)
Run Time Ranges	30 seconds – 60 minutes (5 second increments)

Specifications: Magnetic Stirrer		
Speed Range	50 – 999 rpm (increments of 1); 1,000 – 2,500 rpm (increments of 5)	
Run Time Range	Stirrer Mode	30 seconds to 60 minutes or continuous (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	

5 Year Warranty

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

EASY SWITCH OVER NO TOOLS REQUIRED

Adjustable
time and speed

Quick-spin Button
for momentary spin requirements, press and hold to operate, release to end spin cycle

Gusto® High-Speed Mini Centrifuge

Maximum speed with minimal space

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

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

Item 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

| Replacement 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

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
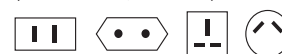
The lid can be unlocked and opened with one hand

5 Year Warranty

EASY SWITCH OVER
NO TOOLS REQUIRED

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

- 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

Accessory Kit Included

Specifications	
Speed Range	Approx. 6,000 rpm (fully loaded)
RCF	2,000 x g

CE SGS C ✓RoHS Compliant UKCA ⊠

Sprout® Plus

Item No.	Color		L x W x H *in*	L x W x H *cm*
120610	Green	■	6 x 5 x 4.3	15.3 x 12.8 x 10.9
120611	Blue	■		
Replacement parts				
HS100011	Sprout® Plus Rotor SnapSpin 6 x 1.5/2.0 mL Tube			
HS100012	Sprout® Plus Rotor SnapSpin 2 x 8 Strip, 0.2 mL			
120148	Sprout® Plus Lid O-Ring, *Pack of 10*			
120491	Sprout® Plus Power Adapter			
120015	Tube Adapters, 0.2 mL, 0.5 mL, *Pack of 12 (6 ea.)*			

Package Includes
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 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

Need tubes?

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

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

12-Volt Car Adapter
for on-the-go testing

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

- 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

Item 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

Package Includes
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 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
DuraPorter® Transport Box
Tube Rack Insert (12-Place 1.5/2.0 mL, 14-Place 0.2 mL)
Transport Box Dividers
Sprout® Plus Cradle
Portable 12V Sprout® Plus Centrifuge Car Adapter

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)

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
Stirrer Modes	Single clockwise
	Single counter clockwise
	Auto reverse rotation 1 to 99 cycles 50% duty
Capacity	3 L plus
Mixing Surface	165 mm diameter, silicone mat 160 mm diameter

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 ■		

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

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

5 Year Warranty

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

- Constructed of chemical resistant ABS and PC blend
- Compact footprint saves valuable space on benchtop
- Lightweight for easy transport

Ultimate Function

- Powerful magnetic coupling ensures accurate alignment, reducing spin-outs during acceleration or deceleration
- Performs routine stirring applications with low vibration and quiet operation

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	■	■		

Replacement Part	
120815	Mini Stirrer Universal Power Adapter

Specifications

Speed Range	200–2,200 rpm (Infinitely adjustable)
Capacity	Up to 3 L

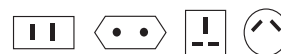CE ✓RoHS Compliant ETL Intertek UKCA

Package Includes

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

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

10 x 5 mm

20 x 8 mm

25 x 8 mm

28 x 8 mm

30 x 8 mm

35 x 9 mm
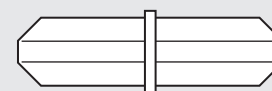
Octagonal Shape

Stir Bars   *Pack of 10*

Item No.	L x W *(in)*	L x W *(mm)*
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 Retriever   *Pack of 5*

Item No.	L *(in)*	L *(cm)*
120553	11.8	30

Lab Mats

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

Silicone Lab Mat
large noise dampening work surface with lipped edge to contain spills

Workstation Lab Mat
gridded surface for tube staging & preventing movement of small objects

Lab Mats, Page 25

5 Year Warranty

3 Position Control

Variable Speed Rotary Dial
Provides pre-set speed control

Models 120210 & 120318 only

3 Position Control

Infinity Adjustable Speed Rotary Dial
Provides your choice of speed control

Models 120209, 120212, 120214

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

- 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

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

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

15 mL conical tubes x 2
(horizontally mounted)

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

0.5 mL microfuge tubes x 6
(vertically mounted)

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

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

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

Item No.	Speed Control	Power Input		L x W x H in	L x W x H cm
120209	Infinity Dial	110-120 VAC, 50/60 Hz, 55 W, US/NA			
120212	Infinity Dial	220-240 VAC, 50 Hz, 44 W, CE		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		(with mixing head	(with mixing head
120210	Preset Dial	220-240 VAC, 50 Hz, 44 W, AUS		in place)	in place)
120318	Preset Dial	100-110 VAC, 50/60 Hz, 66 W(PSE), Japan			

Replacement parts	
120327	Vortexer Multi-Head
120328	Vortexer Central Pad, *3 pk*
120422	Vortexer Retention Cords, *3 pk*
120329	100-120 VAC US Cord

Replacement parts		
120333	220-240 VAC AUS Cord	
120332	220-240 VAC CE Cord	
120331	220-240 VAC UK Cord	
120330	100-110 VAC Japan Cord	

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

CE SGS RoHS Compliant UKCA

Flexible
Can be used with tubes ranging from 2.0 mL to 50 mL

5 Year Warranty

Non-slip Feet
ensures the unit stays in place while mixing

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

- Rapid vortex action with low activation force
- Quiet operation and low vibration
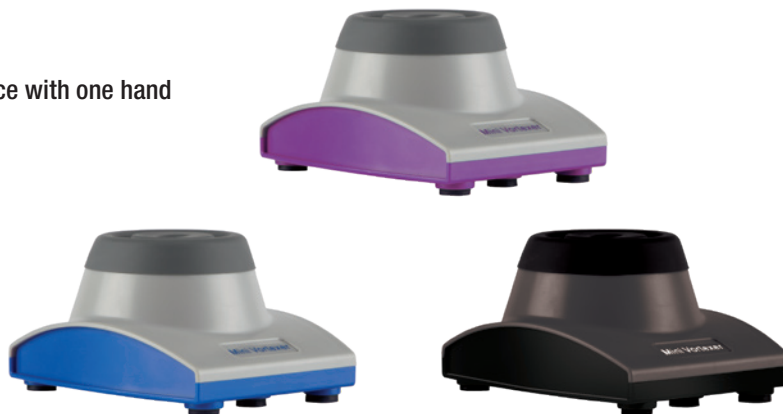
U.S. and E.U. Utility Patent Pending
U.S. Design Patent No. D814,045

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

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

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

CE SGS RoHS Compliant UK 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

5 Year Warranty

Hi-Lo Platform & Bungee Cords
allows you to create your own holding matrix for vessels of all shapes and sizes

Time and Speed
can be separately set

Back-lit Display
is easy to read

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 no-stop electronic motor feedback allowing for truly reproducible results

- Durable ABS construction suitable for use in incubators (excluding CO2) 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 Interior W x D *in*	*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

5 Year Warranty

Battery and Filter not included in warranty

RF3000®

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

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

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

HI LO G

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

- New USB connecter ensures the appropriate charger is used with the unit
- Low-battery indicator
- Can be recharged when in use

AUTOCLAVABLE 121° C
Nose cone assembly only

Storage Stand
doubles as a charging station

Specifications	
Power	Micro-USB connector Rechargeable li-Ion battery (replaceable)
Filter	PTFE/25mm dia/0.45 µm filter
Pipettes	1–100 mL, glass and plastic
Pipette Nozzle	Polypropylene

CE SGS RoHS Compliant UK CA

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

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 parts	
HS5000RFFIL	RF3000® Replacement Filters, *Pack of 5*
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, Blue, Grey, Red and Yellow)

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

AUTOCLAVABLE 121° C
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

Replacement Parts

Item No.	Description	Color
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 backward (up) to aspirate liquid through a pipette

Push the control lever forward (down) to dispense the liquid

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

Inline Ergonomic Design reduces stress with ease of handling and operation

Squeeze to create a vacuum

1 Year Warranty — Filter not included in warranty

Stay Organized with three additional nose cones (green, white, blue) for color identification for both the Pipette Controller & RF1000

Squeeze to create a vacuum

1 Year Warranty — Filter not included in warranty

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

AUTOCLAVABLE 121° C
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

pearl pipettes™
precision pipetting at your fingertips

1 Year Warranty

Pearl® Adjustable Volume Pipettes
Precision liquid handling

A complete range of single- and multi-channel pipette volumes to cover all your possible needs

The sleek, ergonomic design and reduced plunger pressure help reduce the chance of Repetitive Stress Injury (RSI), as the pipettes require 2/3 the operation pressure of most standard pipettes

Each pipette is calibrated and a calibration certificate is supplied. Manufactured in accordance with ISO8655 and GMP regulations

- Internal metal parts for increased accuracy and calibration stability
- Separate tip ejector with the exception of the 500 mL (120105)
- Large digit volume display

AUTOCLAVABLE 121° C

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

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

Finger hook

3-Position volume display

Volume Locking Ring
prevents accidental volume changes

Color Coded & Labeled
with volume range (Both top & side colored components for quick visual confirmation)

Precision Metal Components
for both shaft and barrel ensure reliable performance and long life

No. of Channels	Item No.	Color		Volume Range µL
Single	120097	Green	🟩	0.1–2 µL
	120098	Lt. Blue	🟦	0.5–10 µL
	120099	Lt. Purple	🟪	2–20 µL
	120100	Orange	🟧	5–50 µL
	120101	Blue	🟦	10–100 µL
	120102	Yellow	🟨	20–200 µL
	120103	Purple	🟪	30–300 µL
	120104	Blue	🟦	100–1,000 µL
	120105	Pink	🟥	500–5,000 µL
	120106	Red	🟥	1,000–10,000 µL
Eight	120215	Orange	🟧	5–50 µL
	120216	Purple	🟪	30–300 µL
Twelve	120217	Orange	🟧	5–50 µL
	120218	Purple	🟪	30–300 µL

CE UKCA

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 multi-channel, 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® Pipettes - Single Channel   *For more information see page 18*

Color	Volume Range µL
Lt. Purple	2–20 µL
Yellow	20–200 µL
Blue	100–1,000 µL

Reagent Reservoirs   *For more information 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
- Select between an audible beep or an LED flash to acknowledge count
- Store up to 32 separate counts and display the total of all counts

- Count up/down verification
- Quick and easy to change between different colored markers to check different colony counts in the same view

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

✓RoHS Compliant

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

5 Year Warranty
Battery and Pen not included in warranty

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

Hand Tally Adapter
allows you to use the eCount as a digital tally counter

Weighted Stand
for bench top use

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
- Features a quick-reset knob
- Lens for easy reading, and 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)

AUTOCLAVABLE 121° C

Reversible
Side One: combination gridded and smooth surface
Side Two: smooth surface only

Gridded Surface
for tube staging, preventing movement of objects

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	■		

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)

AUTOCLAVABLE 121° C

Large Working Surface
accommodates benchtop equipment, weigh boats, stir bars, scales, etc.

Raised Edges
enable liquid retention of approximately 300 mL of fluid

Item No.	Side #1 Color		Side #2 Color			L x W x H in	L x W x H cm
120506	Yellow	■	Grey/Blue	■	■	14 x 23.5 x 0.1	35 x 60 x 0.2
120507	Purple	■	Purple/Grey	■	■		
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

Easy Identification
with a foil stamped title

Marker Ribbon
to keep your place

Item No.	Color		Pages	Page Format.	L x W *in*	L x W *cm*
HS8610A	Black	■	100	Grid		
HS8610B	Blue	■	200	Grid	8.6 x 11.1	21.8 x 28.1
HS8610D	Red	■	200	Lined		
HS8610E	Black	■	100	Lined		

Lined Notebook

Gridded Notebook

2 Page Formats
- Grid: 6 x 6 mm grid size
- Lined: college-ruled pages for easy report writing

Twin Tip & Fine Tip Sharpie® Permanent Pens

Ink dries quickly and resists both fading and water

- Pen has a fine and an ultra fine tip and comes in a bright selection of colors
- Ink dries quickly and resists both fading and water
- AP certified

Item No.	Description	Color	
HS15094	Twin Tip Marker Set, *Pack of 8*	Assorted	■ ■ ■ ■ ■ ■ ■ ■
HS15092ZP	Fine Point Marker, *Pack of 12*	Black	■

*Assorted colors (Black, Turquoise, Navy, Lime, Orange, Purple, Sky Blue, Berry)
Sharpie® is a registered trademark of Sanford, A Newell Rubbermaid Company

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

	Item 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
a	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
c	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
e	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
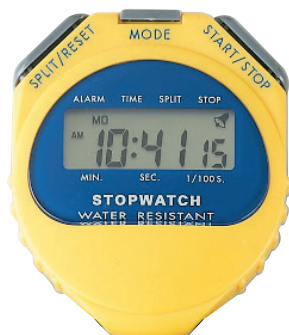
Multi-function Stopwatch/Clock

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

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

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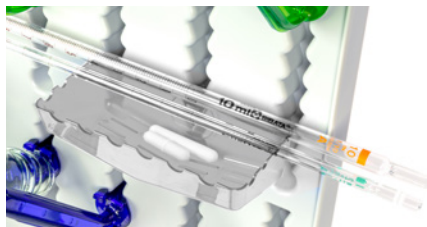
Drying Basket
to keep small items and slotted to hold pipets safe while drying

SureGrip Hook
Patent-pending design securely grips glassware into place

Use on counter or wall
Stands alone on integrated hinged stand. Mounts easily on wall with included guide and hardware

Can hold up to 77 lbs
(34.9 kg)

Rack made of durable polystyrene
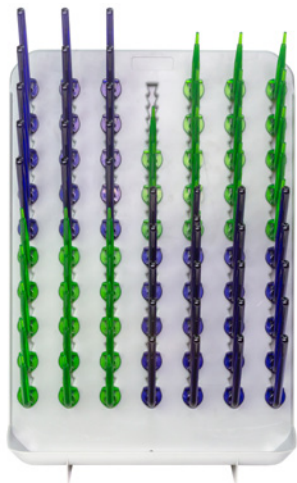
Lab Drying Rack

Item No.	L x W x H *in*	L x W x H *cm*
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

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

Removable Drip Pan helps retain and dispose of excess water

Item No.	L x W x H *in*	L x W x H *cm*
HS23243A	18.2 x 7.4 x 20.7	46.2 x 18.2 x 52.5

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

AUTOCLAVABLE 121° C
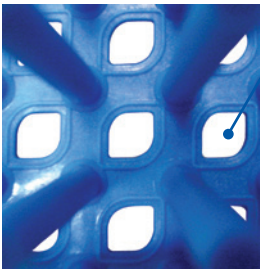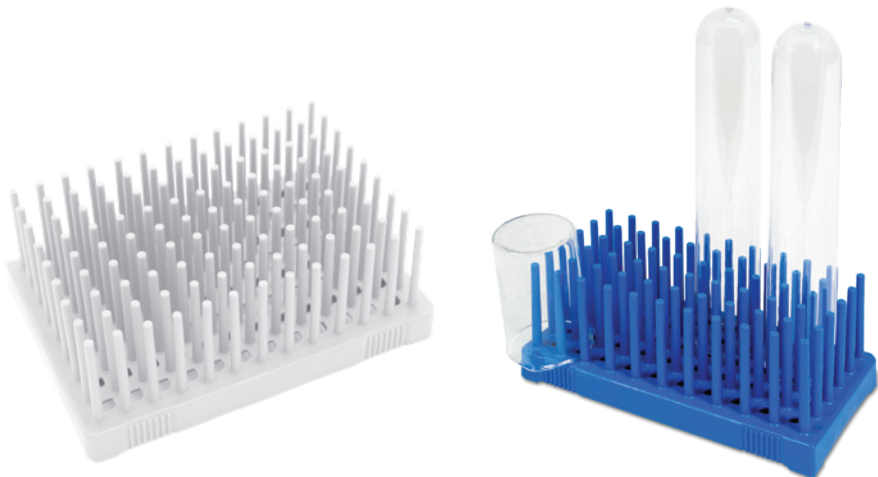
Open tear drop wells allow for water to drain

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	■					
HS24312A	White	☐	7	96	10–13	3.2 x 5 x 2.7	8.2 x 12.6 x 6.9
HS24312B	Blue	■					

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

*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

Compartments	L x W _in_	L x W _cm_
2 Small Compartments	17 x 3.1	43 x 8
1 Large Compartment	17 x 4.3	43 x 11

Workstation Dispensing Bins
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

MADE IN U S A

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	Clear ☐	2	5.9 x 6.9 x 14.4	15 x 17.7 x 36.8
HS23403		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

Item No.	L x W x H	L x W x H
	in	*cm*
HS23453	13 x 7.9 x 4.5	33 x 20 x 11.5

Constructed of high-impact polypropylene

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

AUTOCLAVABLE
121° C

Item No.	L x W x H	L x W x H
	in	*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

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

Supply Drawer

Side Pockets

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

Droplet Configurations

US Patent No. D544703

Item No.	Tray Insert	Tube Rack mm	L x W x H in	L x W x H cm	Handle Height in	cm
HS2200A	HS2201A	13	16.8 x 10.4 x 6.7	42.9 x 26.5 x 17.2	11	28
HS2200B	HS2201B	16				

Droplet Inserts

Pack of 4

Item No.	Description	L x W in	L x W cm
HS2201A	Tray insert for 13 mm tube rack	14.2 x 8.2	36 x 21
HS2201B	Tray insert for 16 mm tube rack		

Keeps contents clean and secure

Droplet Lid
Cover for the Droplet blood collection tray

Protect the contents of the Droplet Tray with this Droplet lid. Custom designed sturdy lid is a snug fit, protects contents and provides access to the tray handle in its vertical position

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

Item No.	Color	L x W x H in	L x W x H cm
HS2202	White ☐	16.5 x 9.4 x 8	42 x 24 x 20.5

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 hypersensitivity reactions
- Available in bulk or on a perforated roll

Uniform Thickness
prevents shredding and breaking

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

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

Item No.	L x W x H *in*	L x W x H *cm*	Handle Height *in*	Handle Height *cm*
120261	16.4 x 12.2 x 3.3	41.9 x 31.1 x 8.5	9.4	24.1

Functional
Comes with a 17 mm well, 60-place, tube rack

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

1 L Capacity
with a clear lid to view fill level

Compatible with
the Droplet blood collection tray & Totemax® blood collection tray

Sharps Containers, Page 114

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

MADE IN USA

Hooks Lock
in place when not in use

Hangs on bed rails,
footboards and handrails

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
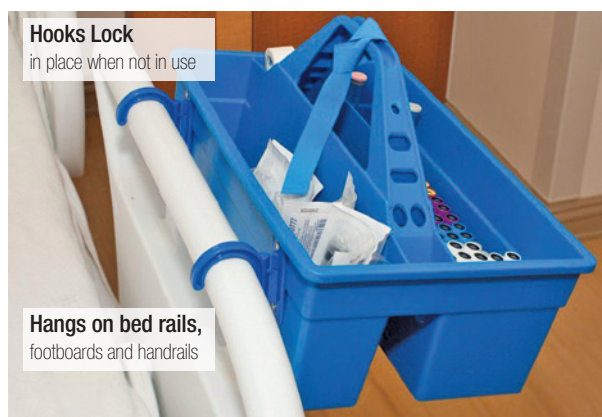
Carry handle folds
neatly into body space allowing the
units to be stacked

Molded Slots
to hold tubes while working

Silicone Water-tight Seal
and three lid clasps provide secure closure

Lid Opens a Full 180°
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® 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

AUTOCLAVABLE
121° C

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	■		

Load

Lock

Transport

Store
can be placed in a freezer or
refrigerator to keep samples chilled

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
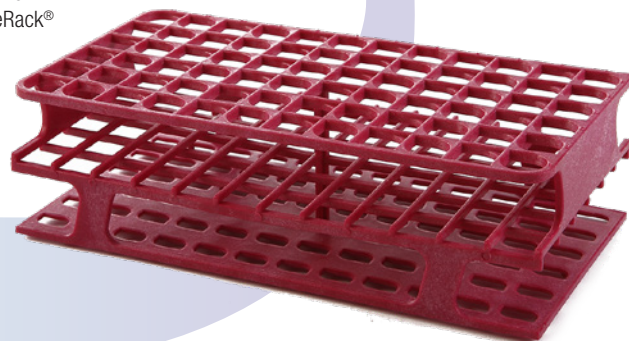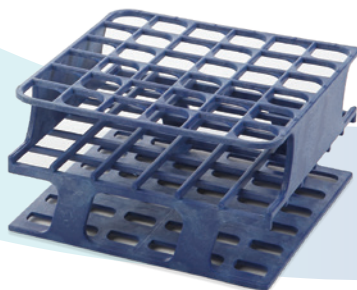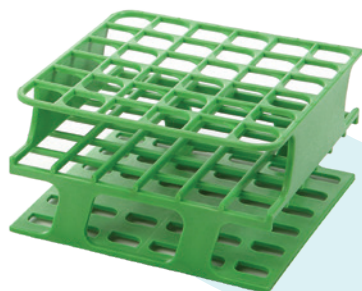
For field sample processing, learn more about our Portable Centrifuge Kit
Includes Mini-Centrifuge and 12V Car Adapter for processing outside the laboratory

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

AUTOCLAVABLE 121° C

- 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
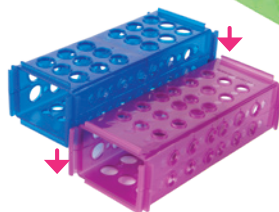
Holds **Multiple Tube Sizes** without multiple racks!

US Patent No. D900337

Pack of 5

Item No.	Color		Item No.	Color	
120684	Blue	■	120687	Natural	□
120685	Purple	■	120683	Assorted*	■ ■ ■ ■ □
120686	Green	■			

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

Individual Rack Specifications

Side	Wells	Well Dia. mm	L x W x H in	L x W x H cm
A	12	13		
B	18	13	9.1 x 2.8 x 3.8	23.2 x 7.0 x 9.5
C	12	17		
D	18	17		

Mega Rack®
High-capacity storage for your tubes

AUTOCLAVABLE 121° C

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. mm	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	□				
120112	White	□	432	13	26.5 x 9.3 x 3.5	67.3 x 23.5 x 9.0
120113	Blue	■				

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	Blue	■	120	16	13.3 x 10.5 x 3.6	33.7 x 26.7 x 9.1
HS24323E	White	□				
120114	White	□	240	16	26.5 x 10.5 x 3.5	67.3 x 26.7 x 9.0
120115	Blue	■				

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	■				

Clinical Tube Racks

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

Rota-Rack®
Rotate and customize to
suit your application

Page 76

OneRack® Multi
Utlimate in versatility
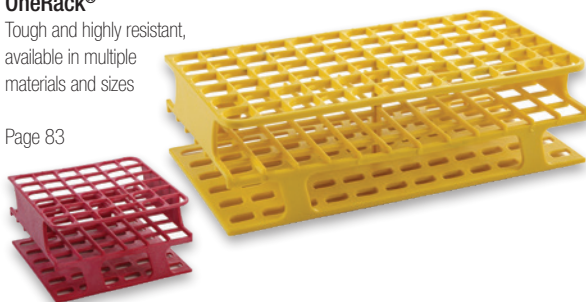handles multiple tube
diameters and heights

Page 78

OneRack®
Tough and highly resistant,
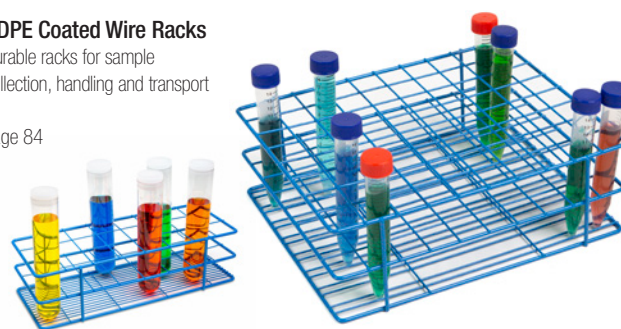available in multiple
materials and sizes

Page 83

HDPE Coated Wire Racks
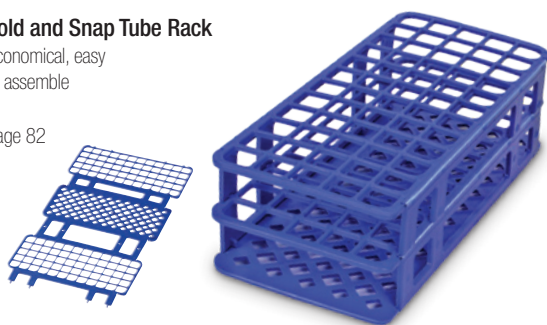Durable racks for sample
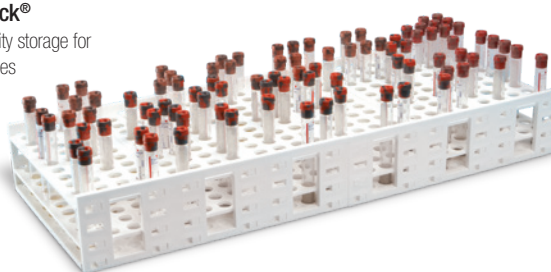collection, handling and transport

Page 84

Fold and Snap Tube Rack
Economical, easy
to assemble

Page 82

Mega Rack®
High-capacity storage for
5-7 mL tubes

Page 86

Adapt-A-Rack®
Flexible rack holds variety
of tube sizes

Page 79

Peg Rack
Sturdy design for quick
location and retrieval of
tubes

Page 86

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

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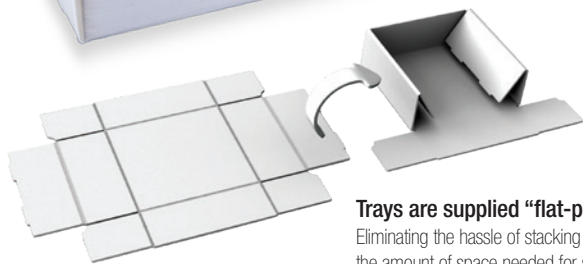
Trays are supplied "flat-packed"
Eliminating the hassle of stacking and reduces the amount of space needed for storage

Removable Inserts
allow outer shell to be used for storage or transport of laboratory products

Lightweight and Sturdy
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
- Can be easily cleaned with common disinfectants and germicides

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

Integrated Label Holder

Item No.	Color	Wells	Well Dia. mm	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
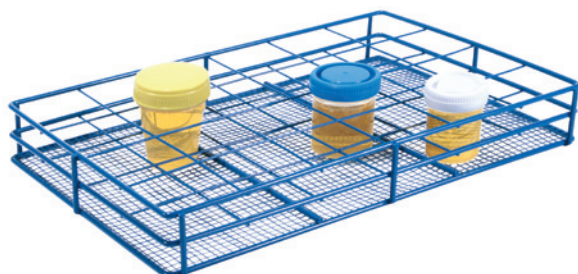
Coated Wire Rack - Urine Containers
Durable racks for transport or sample handling

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

AUTOCLAVABLE 121° C

Item No.	Color	Tube Array	Wells	Well Dia. mm	L x W x H in	L x W x H cm
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

RF3000®

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

Page 16

RF1000

Manual pipette controller is lightweight, easy to use and uniquely designed for one-handed operation

Page 17

High-quality Pipettors offering precision at your fingertips

Pipette Controller

Manual inline pipette controller with ergonomic grip and bulb for simple and precise operation

Page 17

Pearl® Adjustable Volume Pipettes

Complete range of single- and 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)*   *Pack of 72*

Item No.	Color		Volume mL	Length in	Length mm	Outer Diameter in	Outer Diameter mm	Hole Diameter in	Hole Diameter mm
HS20622A	Yellow		1	1.7	43	0.51	13	0.20	5
HS20622B			2	2.0	52	0.51	13	0.24	6

Dropper Vial Bulbs *(Silicone Rubber)*   *Pack of 24*

Item No.	Color		Volume mL	Length in	Length mm	Outer Diameter in	Outer Diameter mm	Hole Diameter in	Hole Diameter mm
HS20629A	Blue		1	1.1	28.7	0.47	12	0.24	6.0
HS20629B			3	1.6	41	0.70	17.8	0.26	6.5

Rubber Bulbs *(Natural Rubber)*

Item No.	Color		Volume mL	Length in	Length mm	Outer Diameter in	Outer Diameter mm	Hole Diameter in	Hole Diameter mm
HS20630B			15	1.9	50	1.3	34	0.16	4
HS20630C	Red		30	2.6	66	1.8	46	0.24	6
HS20630D			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 in	Outer Diameter mm	Hole Diameter in	Hole Diameter mm
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 mm	Hole Diameter in	Hole Diameter mm
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 mm
HS20632A	Black								
HS20632B	Red		35	5.1	130	2.1	54	0.24	6.0
HS20632C	Blue								

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

STERILE R

	Item No.	Vol. *mL*	Working Vol. *mL*	Length *mm*	Graduations *mL*	Packaging *500 per box*	Sterile
a	HS206371A	5	1	150	0.25	Bulk	
	HS206371B					20/bag	✓
	HS206371C					1/single wrap	✓
b	HS206372A	5	2	155	0.5	Bulk	
	HS206372B					20/bag	✓
	HS206372C					1/single wrap	✓
c	HS206373A	7	3	155	0.5	Bulk	
	HS206373B					20/bag	✓
	HS206373C					1/single wrap	✓

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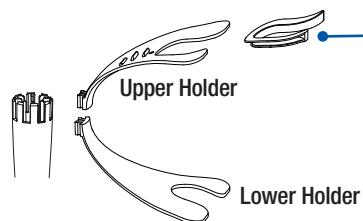
Inserts on the upper holders can be added or removed to accommodate the fit of different pipette widths

Upper Holder

Lower Holder

Item No.	Upper Holder Color		Quantity	Lower Holder Color	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 colors (Purple, Blue, Green, Grey, Red, Orange, Yellow and Clear)

Base Width *in*	Top W x H *in*	Base Width *cm*	Top W x H *cm*
6.2	9 x 16.1	15.8	22.9 x 40.8

# 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
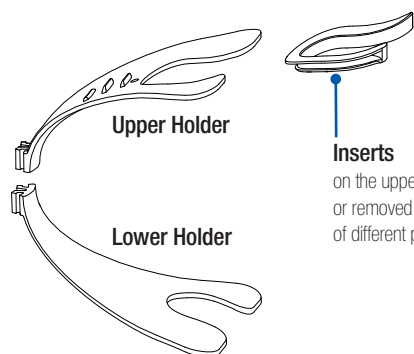
Upper Holder

Lower Holder

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

Installation hardware included

Easy To Clean
Made of ABS

Patent Pending

Item No.	Lower Holder		Upper Holder		L x H *in*	L x H *cm*
120575	2 Blue	■	2 Blue	■		
	2 Green	■	2 Green	■	6.9 x 1.8	17.5 x 4.5
	2 Clear	□	1 Purple	■		
			1 Yellow	■		
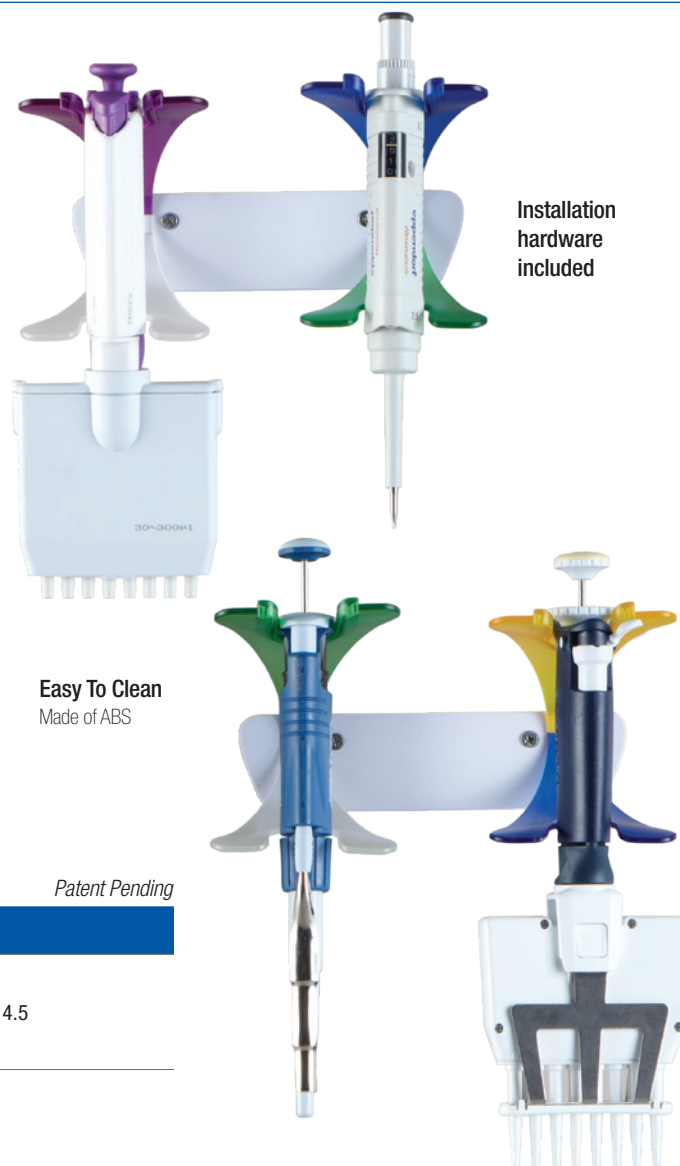
Clamp-ette® Pipette Holder
Create an instant pipette holding point within your lab

Secures to tabletops, benches and shelves with a twist

- Chemical-resistant polypropylene and fits most major pipette brands

AUTOCLAVABLE 121° C
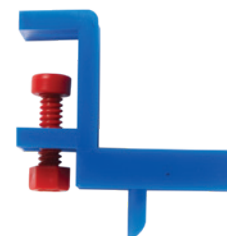
Secures Clamping
for tabletops, benches and shelves

Tri Clamp-ette®

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

Mount Base
under shelf or counter

Holder Rotates
for easy pipette selection

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

Flip & Grip® Pipette Holder
Giving labs a choice

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

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

US Design Patent No. D754,872 & D763,464

Item No.	Color		Bench Top Style W x H *in*	Bench Top Style W x H *cm*	Under Shelf Style W x H *in*	Under Shelf Style W x H *cm*
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 *mm*	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

3-Place Stand Acrylic Clear

4-Place Stand Acrylic Clear

6-Place Stand Acrylic Blue

6-Place Stand ABS Blue

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 *mm*
HS206203				Three				
HS206204	Clear	☐	Acrylic	Four	1	25	0.8	19
HS20620				Six				
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

Magnets
connect securely to most metallic surfaces

Units Lock Securely
together horizontally or vertically
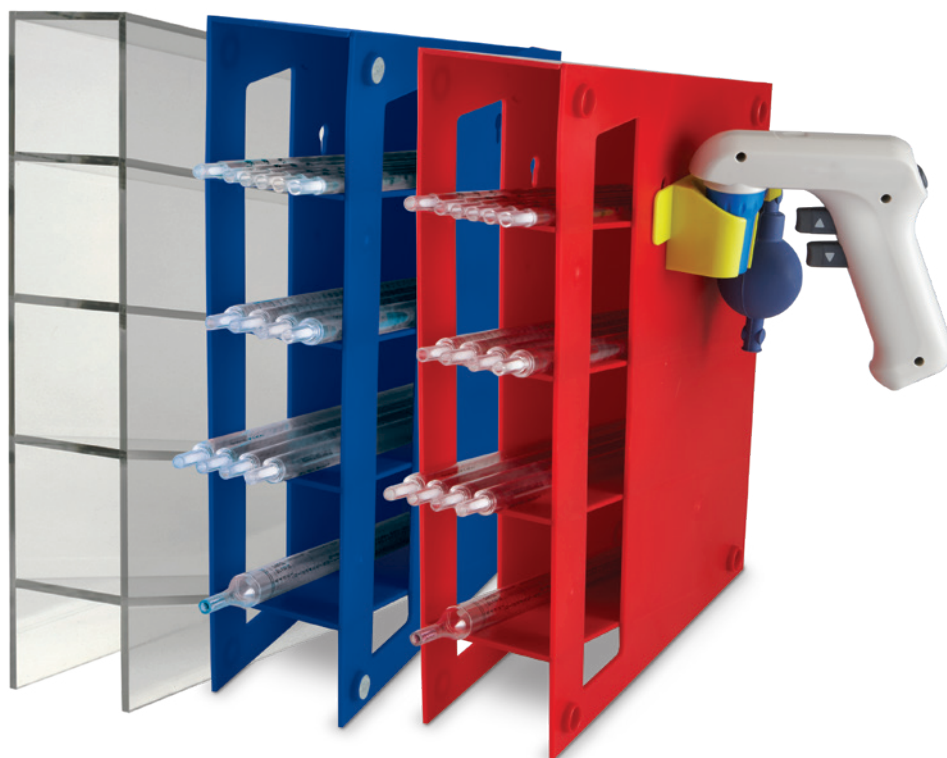
Pipette Racks
Protects and organizes glass and plastic pipettes

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

Item No.	Color		Material	L x W x H *in*	L x W x H *cm*
HS20611	Clear	☐	Acrylic		
HS20612	Blue	■	ABS	11.4 x 3.5 x 15.8	29.1 x 8.8 x 40.1
HS20613	Red	■	ABS		
HS20612M	Blue	■	ABS (mounting magnets)		
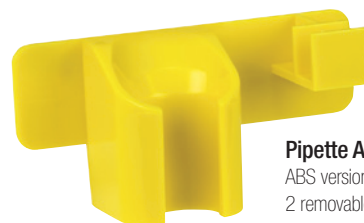
Pipette Attachments
ABS versions includes 2 removable pipette attachments

Reservoir Chiller

Ice-free, non-toxic way to extend working period and preserve integrity for temperature sensitive reagents

- Reagents are kept at less than 5°C (41°F) for approximately 1 hour
- Engineered custom fit design for Heathrow Scientific 50 or 100 mL reservoirs to ensure a maximum contact for longer uniform cooling
- Eliminates the risk of contamination from messy ice bath
- Not for use with liquid nitrogen

2 Year Warranty

Symmetrical cooler design
Allows reagent reservoirs to be mounted in either direction

Stackable
Saves storage and work space

50 mL Reservoir Chiller

100 mL Reservoir Chiller

Pack of 2

Item No.	Color		Volume mL	L x W x H in	L x W x H cm
120730	Purple	■			
120731	Blue	■	50	6.1 x 2.9 x 1.7	15.5 x 7.4 x 4.2
120732	Assorted*	■ ■			
120733	Purple	■			
120734	Blue	■	100	6.2 x 9 x 1.7	15.7 x 9 x 4.2
120735	Assorted*	■ ■			

Assorted colors (Purple and Blue)

2 Basins in One!

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

AUTOCLAVABLE 121° C

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

Reagent Reservoirs

Reagent Reservoirs by Heathrow Scientific offer a fresh and modern design with enhanced features to streamline pipetting procedures

- Superior durability with enhanced walls and crush-resistant "turrets" at the corners
- Easy handling with tabs to prevent stacked reservoirs from sticking together

Sterile Versions

-Manufactured and gamma irradiated in an ISO certified facility
-Certified DNase, RNase and pyrogen free
-Packaged individually in an easy open HDPE package
-Traceability Certificate available upon request

STERILE | R

Divided Reservoir Design
allows pipetting of two different reagents or maximizes recovery if using only single channel and small amount of reagent

Graduation Markings
on the top edge and inner walls allows measurements of liquid to be easily identified and reduces wastage of expensive reagents

Pour-off Spouts
conveniently located on all four corners enables easy spill-free pouring and reduces chance of dripping

Patent Pending

Item No.	Volume mL	Graduation Marks mL	Material	Sterile	Packaging	Interior Dimensions L x W x H in	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		
120640	25	15 and 25	Polystyrene	Yes	200/40 x 5pk	4.4 x 0.9 x 1.1	11.3 x 2.4 x 2.7
120641	25	15 and 25	Polystyrene	Yes	100/Single Bag		
120642	25	15 and 25	Polystyrene	No	100/Bulk		
120884	25	15 and 25	Polystyrene	Yes	100/Single Bag		
120643	50	25 and 50	Polystyrene	Yes	200/40 x 5pk	4.5 x 1.1 x 1.4	11.5 x 2.9 x 3.5
120644	50	25 and 50	Polystyrene	Yes	100/Single Bag		
120645	50	25 and 50	Polystyrene	No	100/Bulk		
120646	50	25 and 50	PVC	Yes	100/20 x 5pk		
120690	50	25 and 50	PVC	No	100/Bulk		
120647	100	50 and 100	Polystyrene	Yes	200/40 x 5pk	4.6 x 1.9 x 1.0	11.7 x 4.8 x 2.5
120648	100	50 and 100	Polystyrene	Yes	100/Single Bag		
120649	100	50 and 100	Polystyrene	No	100/Bulk		
120650	100	50 and 100	PVC	No	100/Bulk		
120651	25 *(10 and 15 mL divided)*	10/15	Polystyrene	Yes	200/40 x 5pk	4 x 1 x 0.8	10.2 x 2.5 x 2.1
120652	25 *(10 and 15 mL divided)*	10/15	Polystyrene	Yes	100/Single Bag		

Eco smartFunnel™
Paper Funnel
A clean transfer every time

- Supplied flat-pack to minimize storage
- With a minimal amount of finger pressure the funnel takes its working shape
- Maximum flexibility – cut the stem to any size or shape to meet with your needs
- Fits a wide variety of openings and can be used with virtually any liquid*
  or powder

* Not recommended
  for hot liquids

Pack of 25

Item No.	Capacity mL	Top Dia. in^2	Top Dia. cm^2	Bottom Dia. in^2	Bottom Dia. cm^2	Height in	Height cm
120219	186	2.4	6	0.3	0.6	5	12.8

Eco smartFunnel™ is a trademark of LevGo Inc.

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	C	Blue ■	125–500	1.9	4.2	3	7.5	215
HS8882A	O			1.9	4.8	3	7.7	210
HS8881B	C	Blue ■	250–1000	2	5.1	3.5	9	465
HS8882B	O			2	5.1	3.5	9	490
HS8881C	C	Blue ■	500–2000	2.1	5.4	3.9	9.8	595
HS8882C	O			2.2	5.7	3.9	9.8	610
HS8881D	C	Blue ■	1000–4000	2.6	6.6	4.4	11.3	890
HS8882D	O			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

* Electron beam sterilized and individually wrapped with Certificate of Sterility available upon request

Manufactured and packaged in a clean room
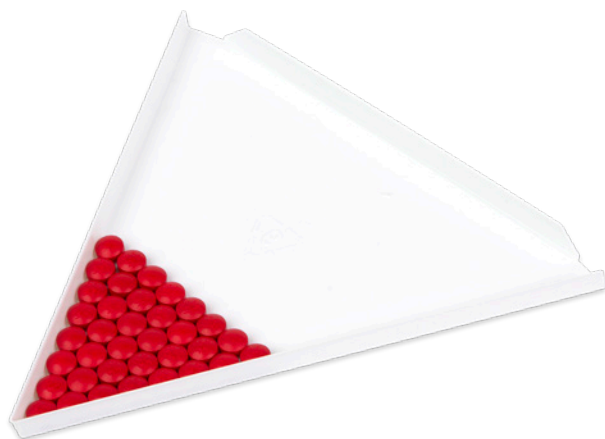
STERILE | **R**

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

Aluminum Weighing Boat

Aluminum Weighing Dish

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

smartPans™

Ideal for microbalances, organic micro elementary and thermal analysis, and pharmaceutical use

- Made of Ultra High Vacuum (UVH) Foil - "A" wettable and completely free from oils normally found on other grades of aluminum foil
- Foil meets ASTM B-479, specification 3.1.4 and 10.3.1
- "Cahn style" accessory pans are compatible with most commercially available analyzers and microbalances

MADE IN USA

Pack of 20

Item No.	Dia. x H *in*	Dia. x H *mm*
120627	1 x 0.1	25 x 3.6

smartPans™ is a trademark of LevGo Inc.

Weighing Papers

Smooth surface for good sample recovery

- Nitrogen-free
- Strong enough to support dense material

Pack of 500

Item No.	L x H *in*	L x H *cm*
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

Weighing Boats

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

- Select white, black, or blue for best color contrast to ensure sample is completely removed
- Biologically inert and resistant to dilute and weak acids, aqueous solutions, alcohols, and bases
- Temperature range -10 to 70°C (14 to 158°F)
- Antistatic versions available making the boats nonreactive with most substances and suitable for weighing static-affected 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
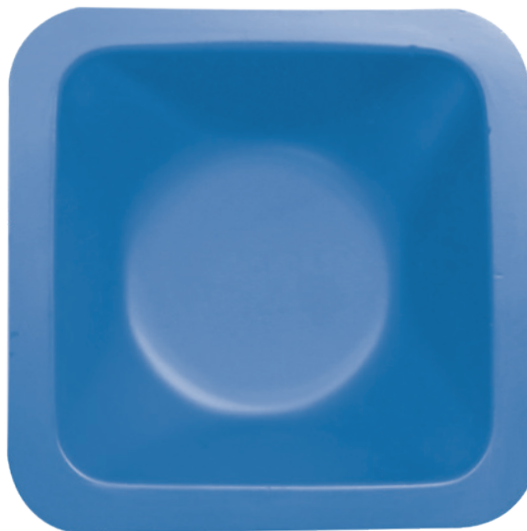
Standard Weighing Boats

Manufactured and packaged in a clean room

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

STERILE | R

Square Weighing Boats

Hexagonal Weighing Boats
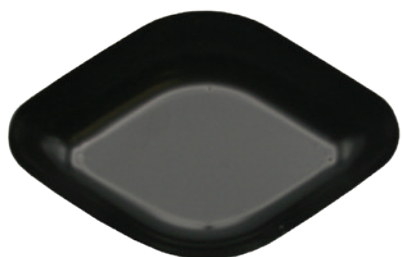
Diamond Weighing Boats

Pour-boat Weighing Dishes

Weigh Boats

Pack of 500

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	HS1420A	HS1420AA	White	☐	Small	10	1.8 x 1.8 x .3	4.6 x 4.6 x .8
	HS1421A	HS120222	Blue	■				
	HS1423A	HS1423AA	Black	■				
	HS1420B	HS1420BB	White	☐	Medium	85	3.4 x 3.4 x .9	8.5 x 8.5 x 2.4
	HS1421B	HS120223	Blue	■				
	HS1423B	HS1423BB	Black	■				
	HS1420C	HS1420CC	White	☐	Large	280	5.5 x 5.5 x .9	14 x 14 x 2.2
	HS1421C	HS120224	Blue	■				
	HS1423C	HS1423CC	Black	■				
Hexagonal	—	HS14251A	White	☐	Small	6	1.5 x 1 x .4	3.8 x 2.5 x .9
	—	HS14251B			Medium	46	2.5 x 2 x .7	6.4 x 5.1 x 1.9
	—	HS14251C			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
Pour-boat	HS1419A	HS120225	White	☐	Small	14	1.7 x 2.3 x .5	4.3 x 5.8 x 1.3
	HS1419B	HS120226			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
Diamond	HS1424AA	HS1425AA	White	☐	Small	5	2.1 x 1.3 x .2	5.3 x 3.3 x .6
	HS1427AA	HS1426AA	Black	■				
	HS1424A	HS1425A	White	☐	Medium	25	2.6 x 1.9 x .6	6.7 x 4.7 x 1.4
	HS1427A	HS1426A	Black	■				
	HS1424B	HS1425B	White	☐	Large	30	3.1 x 2.2 x .6	7.8 x 5.6 x 1.4
	HS1427B	HS1426B	Black	■				
	HS1424C	HS1425C	White	☐	X-Large	100	4.5 x 3.3 x 0.7	115 x 85 x 17
	HS1427C	HS1426C	Black	■				

Sterile Weigh Boats

Pack of 200/40 x 5pk

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

25 mm
8.9 mm
6.9 mm
15.4 mm
7.5 mm

Actual size

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

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

Easy to Handle Tabs

Made of Polystyrene
Food Grade Compliant

smartBoats™

A truly green solution to sample weighing

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

- A cost-effective solution to reduce plastics in the lab
- Made of grease-proof paper that meets FDA 21 CFR 176.170 (components of paper in contact with aqueous and fatty foods) and with 2I CFR 176.180 (contact with dry foods)
- Control contents like a polystyrene weigh boat because they are easier to pour
- An alternative to regular weighing papers because they are easier to handle

Item No.	Color		Size	Packaging	L x W x H in	L x W x H cm
120312	Brown	■	Small	Pack of 500	1.4 x 1.4 x 0.6	3.5 x 3.5 x 16
120314	White	□				
120313	Brown	■	Medium	Pack of 500	1.9 x 1.9 x 0.6	4.8 x 4.8 x 14
120315	White	□				
120626	Brown	■	Large	Pack of 250	3.8 x 3.8 x 1	9.5 x 9.5 x 2.5
120195	White	□				

smartBoats™ is a trademark of LevGo Inc.

Functional in the Lab
Available in a small and medium in both brown for light colored samples and white for dark samples

FSC
www.fsc.org
FSC® C109137
The mark of responsible forestry

Forceps
Corrugated handles and serrated tips

- ABS plastic

Serrated Tips

* Forceps shown at actual size   Pack of 6

Item No.	Color		Length in	Length cm	Tip
HS15998C	Blue	■	4.4	11.1	Straight

HS15906

HS15907

HS15909

Spatulas
Transfer, lift, and handle powders and granular materials

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

AUTOCLAVABLE
121° C

Item No.	End Type	End L x W in	End L x W mm	Overall Length in	Overall Length cm	Finish
HS15906	Flat	1.2	30	6	15	Glazed
	Spoon	0.5 x 0.2	12 x 4			
HS15907	Round Flat	2 x 0.3	50 x 8	7.7	19.5	Mirror
	Tapered Flat	1.8 x 0.3	45 x 6.5			
HS15909	Flat	2	50	8.9	22.5	Mirror
	Spoon	1.5 x 0.6	38 x 15			

smartSpatula®

**Designed to fit perfectly with standard
0.2, 0.5, 1.5/2.0, 15 and 50 mL tubes**

- Made of virgin, food-grade polypropylene
- Ideal for dispensing or sample collection of powders or soft solids
- Will not shatter when used with liquid nitrogen frozen samples
- Hollow core minimizes heat transfer—good for hot and cold liquids
- Antistatic, sterile and Eco-Friendly versions available
- Complies with FDA standards for food contact

AUTOCLAVABLE 121° C

STERILE | EO

Always there and always clean!
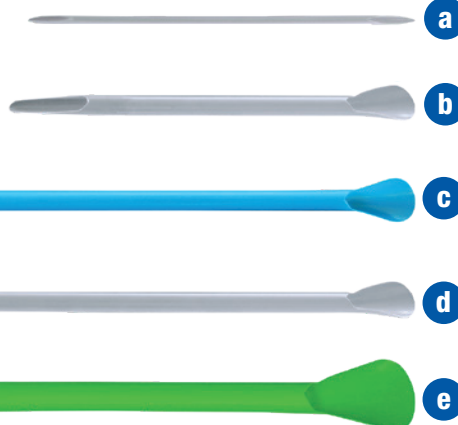
Lab tools that scoop, stir and scrape.

	Item No.	Description	Color		Suggested Tube *mL*	Packaging	L x W *in*	L x W *cm*	Spoon (Flare) *in*	Spoon (Flare) *mm*	Scoop/Pick L x W *in*	Scoop/Pick L x W *mm*	Taper
a	**120005**	Micro Antistatic	Opaque	☐	0.2 and 0.5	300/Bulk	5.5 x .2	14 x .4	—	—	4.3	11 (V-Tip)	15°
b	**120008**	Eco-Friendly	Opaque	☐	15 and 1.5	300/Bulk	5.5 x .3	14 x .7	9.8 x 5.5	25 x 14	11.8 x 1.2	30 x 3	
c	**120003**	Standard	Blue	■		300/Bulk							
	120004	Standard	Opaque	☐	15 and 1.5	300/Bulk	8.3 x .3	21 x .7	9.8 x 5.5	25 x 14	11.8 x 1.2	30 x 3	
d	**120007**	Std. EtO Sterile	Opaque	☐		100/10 x 10pk							
	120625	Std. EtO Sterile*	Opaque	☐		100/10 x 10pk							
e	**120006**	Macro	Green	■	50	150/Bulk	12.2 x .4	31 x 1	16.5 x 9.3	42 x 23.5	11.8	30	35°

Non Toxic/Non Pyrogenic   smartSpatula™ is a trademark of LevGo Inc.

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

Case of 100 10 x 10pk

Item No.	Color		Size	L x W *in*	L x W *cm*
120656	White	☐	Large	5 x 3.5	12.7 x 9
120657	White	☐	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

Manufactured and packaged in a clean room

STERILE R

60 mL

125 mL

250 mL

500 mL

Small Sampling Scoop

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	✓	Case 200; 20 x 10/Single Bag

Medium Sampling Scoop

Item No.	Description	Volume	L x W x H *in*	L x W x H *mm*	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	✓	Case 200; 20 x 10/Single Bag

XLarge Sampling Scoop

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	✓	Case 200; 20 x 10/Single Bag

smartPicks® Inoculation Picks
The 'smart' way to isolate individual colonies

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

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

AUTOCLAVABLE 121° C
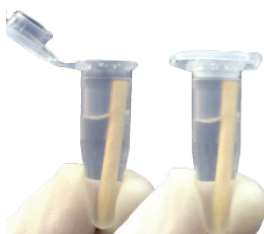
Mini Sized SmartPicks
fit neatly into a 1.5 mL microfuge tube allowing the lid to be closed for full sample transfer/recovery

Drop it in & Close it up!

Item No.	Size	Point	Tip	Suggested Tube *mL*	Packaging	Length *in*	Length *cm*
120010	Mini	Needle Point		Fits 1.5 tube (closed)	2,000	1.3	3.3
120011	Standard	Semi Point	Single Tip		1,600	2.5	6.4
120012	Standard	Needle Point					

smartPicks® is a trademark of LevGo Inc.

Inoculating Needle/Loops
Combination provides choice to spread or pick colonies and cultures

Transfer bacterial cultures without risk of contamination

- Use loop end to uniformly streak a gel surface
- Use needle end for removal of colonies
- Choose between flexible polypropylene or the more rigid ABS versions
- Lot-to-lot traceability

STERILE | EO
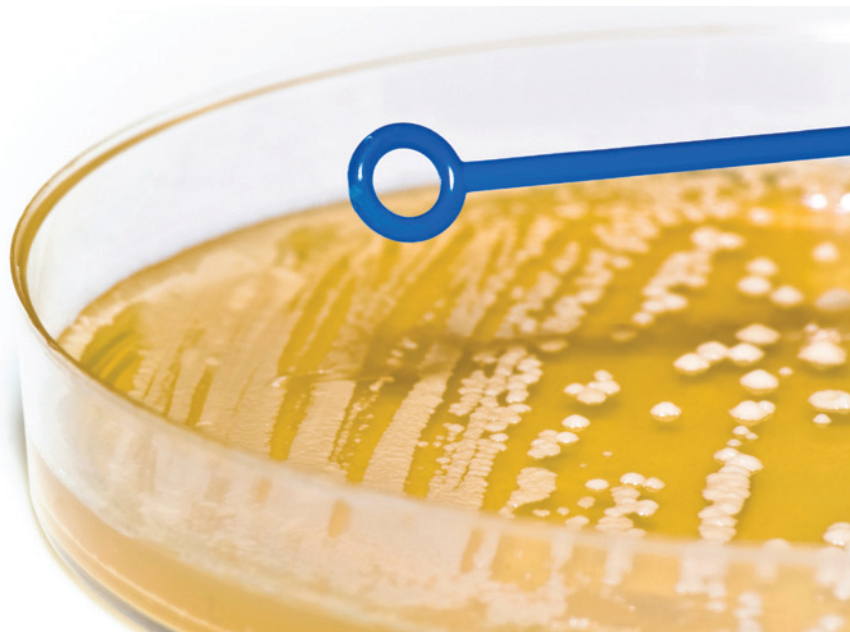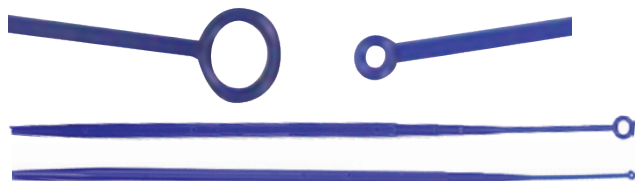
Item No.	Color	Material	Loop *µL*	L x D *in*	L x D *cm*	Packaging *1,000 per Box*	Sterile
HS81121A	Blue ■	Flexible PP	1	7.9 x .2	20 x .4	50 x 20pk	✓
HS81121B		Rigid ABS					
HS81121C	Blue ■	Flexible PP	10	7.9 x .2	20 x .4	50 x 20pk	✓
HS81121D		Rigid ABS					

Cell Spreaders

Delta™

- Made from ABS
- Flexible rippled handle and domed spreading bar to help reduce agar tears

STERILE R

Domed Headpiece
promotes smooth spreading

L-Shape

- Made from ABS
- Lot-to-lot traceability
- 10 Pack comes in a zip bag

STERILE R

Stainless Steel

- Flame-sterilizable
- Reusable

AUTOCLAVABLE
121° C

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	✓
HS8171A	L-Shape	5.7 x 1.5 x .2	14.6 x 3.8 x .4	500/Single Wrap	✓
HS8171B				500, 50 x 10 Pack	✓
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

Hand Tally Counter, Page 21

eCount, Page 20

Benchtop Counters, Page 21

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 in	L x W x H cm
HS23452	8.7 x 4.2 x 9.3	22.2 x 10.7 x 23.6

MADE IN
U S A

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

AUTOCLAVABLE 121° C   NON STERILE

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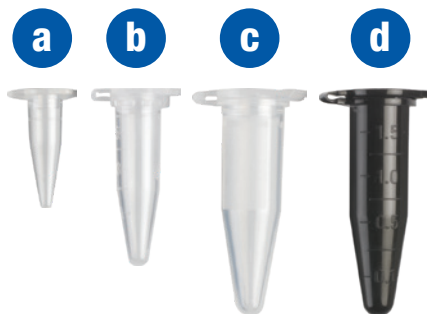
Microcentrifuge Tubes

	Item No.	Color		Vol. mL	Outer Dimension mm	Closed Height mm	Graduations mL	Max RCF Rating	Packaging
a	**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
c	**HS4323**	Natural	□	1.5	10.8	39.0	0.1, 0.5, 1	16,400 x g	500/Bulk
c	**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

Skirted

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

AUTOCLAVABLE 121° C   **STERILE** R

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

Conical Centrifuge Tubes

	Item No.	Color		Vol. mL	Outer Dimension mm	Closed Height mm	Graduations mL	Max RCF Rating	Packaging *500 per Case*
e	**HS4426B**	Natural	□	15	17	120	0.5	11,000 x g	Bulk/10 x 50pk
e	**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
g	**HS4427B**	Natural	□	50	29	114	5.0	9,500 x g	Bulk/20 x 25pk
g	**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

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
- Non-sterile

LOW TEMP -45° C   **AUTOCLAVABLE 121° C**

Frosted
writing area

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

Item No.	Color		Vol. mL	Outer Dimensions mm	Closed Height mm	Graduations mL	Max RCF Rating	Packaging
HS10060	Natural	☐	2.0	13.3	47.1	0.5, 1, 1.5	18,000 x g	500/Bulk

Cryogenic Vials
Innovative design saves space in your freezer

- Puncture/rupture-resistant polypropylene
- Silicone lid seal & patented lid with ergonomic 1.5 twist to open and close
- Flush cap saves space during storage

- Printed writing area and graduations
- Recommended for mechanical freezers and vapor phase LN$_2$ (-196°)

LOW TEMP -196° C   **STERILE R**

Patented
easy-grip faceted lid

Internal Thread

**Writing Area
& Graduations**

Traceable Sterility Certificate
Sterile, non-pyrogenic, non-cytotoxic, DNase/RNase-free vials

US Patent No. D595,424

Item No.	Color		Vol. mL	Packaging	Outer Dim. mm	Grad. mL	Closed Height mm
HS23202A	Assorted	🟥🟪🟦🟩⬜*	2.0	500/50 x 10pk	12	12	49
HS23202N	Natural	☐					

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

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

AUTOCLAVABLE 121° C

Pack of 5

Item No.	Color		Item No.	Color
HS23461A	Assorted*	■■■■■	**HS23461C**	Blue ■
HS23461B	Natural	☐	**HS23461D**	Green ■

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

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
0.2	96	5.2	5 x 3.9 x 1.2	12.7 x 9.9 x 3.0

Reversible
for 0.2 mL tubes
or for 0.5 mL tubes

1.5 mL Tubes
12 wells on each side

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

AUTOCLAVABLE 121° C

Pack of 5

Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H in (cm)
HS2344A	■■■ ■■*	0.2	168	5.5	8.1 x 5.2 x 2.1
		0.5	40	7.6	(20.6 x 13.1 x 5.3)
		1.5/2.0	12	11.4	

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

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.

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

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 beneath

Lid Rotates 180°

Vented Lid
enables faster cooling of samples while in freezer

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

2 Year Warranty

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

WARM TO COLD

US Patent Pending, Community Design No: 004101756-0001-0002　**Pack of 2**

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

*Assorted colors (Light Blue/Dark Blue & Pink/Purple

Side Opening
enables faster cooling of samples to ensure integrity

Alphanumeric Identification
for quick location and retrieval of tubes

Sliding Lid
rotates 180° to become a convenient stand the rack sits on

Low-Temp PCR Rack: 96-Well
Slide, set, work & store PCR samples

Multi-purpose rack converts from compact workstation to lidded storage solution accommodating individual and strip 0.2 mL tubes

Versatile & Robust Solution

- Polycarbonate lid serves as cover and elevated rack base - just slide open land pivot lid under rack for compact workstation
- Lid can be used in right or left-handed orientation and is detachable
- Stackable saving valuable bench-top and freezer space
- Multiple colors offered for coding options

LOW TEMP -80° C

US Patent Pending, Community Design No: 004101756-0001-0002　**Pack of 5**

Item No.	Color		Item No.	Color	
120538	Assorted*	■ ■ ■ ■ ■	**120540**	Green	■
120539	Blue	■	**120541**	Purple	■

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

Tubes *mL*	Wells	Well Dia. *mm*	L x W x H *in*	L x W x H *cm*
0.2	96	5.2	4.9 x 3.6 x 1.5	12.5 x 9.2 x 3.7

Tabs on each end
of rack snap lid into place

Raised Rings
around the 1.5 to 2.0 mL wells make tubes easier to remove
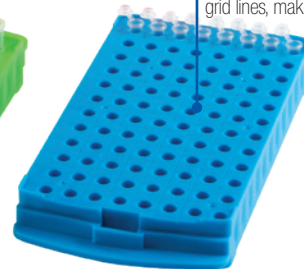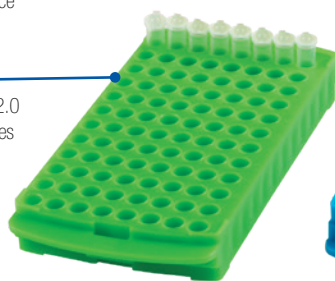
Molded Grid Lines
0.5 mL wells separated by molded-in grid lines, making them easier to see

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

AUTOCLAVABLE 121° C

Pack of 5

Item No.	Color		Item No.	Color	
HS2345A	Assorted*	■ ■ ■ ■ ■	HS2345D	Green	■
HS2345B	Natural	□	HS2345E	Pink	■
HS2345C	Blue	■	HS2345F	Yellow	■

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

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
1.5/2.0	96	11	9.6 x 4.7 x 2	24.4 x 12 x 5.1
0.5		7.6		

Easy Identification
Alphanumeric well identification
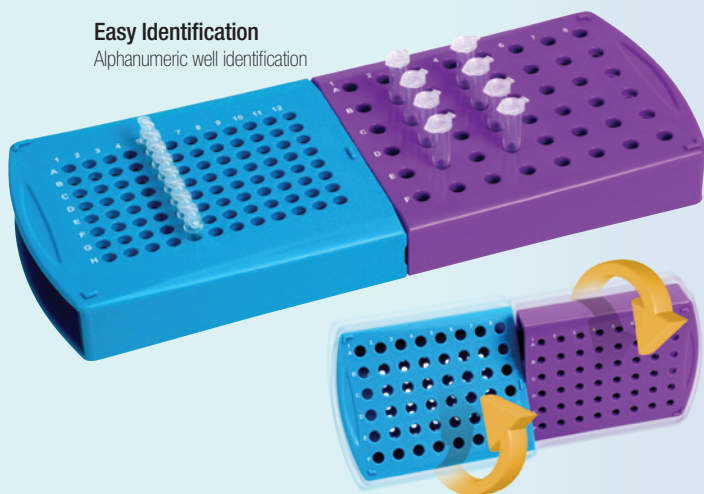
Rota-Rack® Duo Tube Rack

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

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 3.4
			0.5	48	8		
			1.5/2.0	96	11		

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 121° C

Pack of 6

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS4284A	Blue	■	1.0	20	10	8.3 x 3.5 x 2	21.1 x 9 x 5
			1.5				
			2.0				
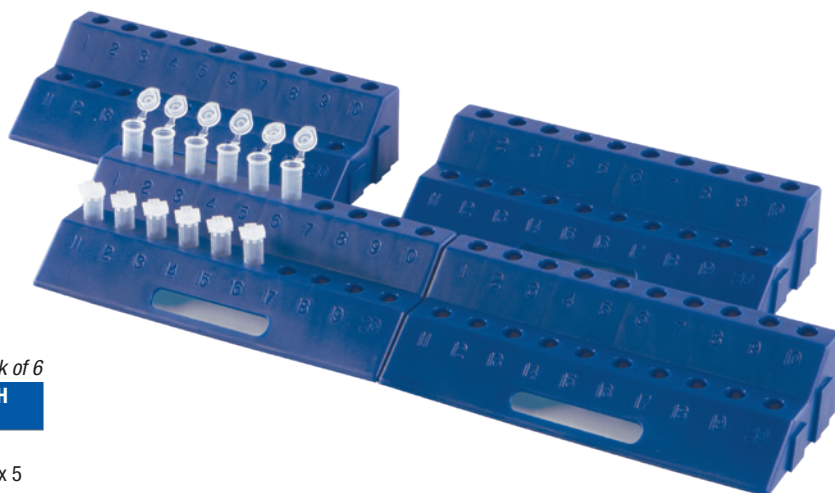
Microtube Racks 80-Well
Popular fraction-collector-plate style rack

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

AUTOCLAVABLE 121° C

Pack of 5

Item No.	Color		Part No.	Color	
HS29025A	Natural	☐	HS29025E	Yellow	■
HS29025B	Blue	■	HS29025F	Orange	■
HS29025C	Green	■	HS29025G	Assorted*	■ ■ ■ ■ ■
HS29025D	Pink	■	HS29025J	Red	■

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

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
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

AUTOCLAVABLE 121° C

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				96		4	8.3 x 5.2 x 2.1	21 x 13.1 x 5.4

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

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 sample for cold temperature storage

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

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)

Alphanumeric Identification
for quick location and retrieval of tubes

Microtube Storage Boxes

- Hold 1.5 and 2.0 mL microcentrifuge
  tubes and cryogenic vials

AUTOCLAVABLE 121° C   **LOW TEMP -80° C**

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

Pack of 5

Item No.	Color	
120032	Natural	☐
120033	Assorted*	■ ■ ■ ■ ■

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

Tubes mL	Wells	Well Dia. mm	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

Item No.	Color		Item No.	Color	
120034	Natural	☐	**120038**	Yellow	■
120035	Blue	■	**120039**	Orange	■
120036	Green	■	**120040**	Assorted*	■ ■ ■ ■ ■
120037	Pink	■	**120041**	Black	■

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

Tubes mL	Wells	Well Dia. mm	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

Pack of 5

Item No.	Color		Item No.	Color	
120042	Natural	☐	**120202**	Green	■
120043	Black	■	**120203**	Yellow	■
120044	Assorted*	■ ■ ■ ■ ■	**120204**	Orange	■
120201	Blue	■			

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

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
1.5/2.0	100	12.3	5.6 x 6 x 2.2	14.1 x 15.1 x 5.7

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

AUTOCLAVABLE 121° C

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS29040A	Yellow		50	2	29	8.8 x 4.3 x 4.3	22.4 x 11 x 11
	Green	▢▢	10–15	8	20		
	Blue	▢▢	15–20	6	16		
	Purple		10–13	10	13.5		
HS29040B	Yellow		15	6	16.4	8.2 x 3.9 x 3.9	21 x 10 x 10
	Green	▢▢	1.5/2.0	9	11.2		
	Blue	▢▢	0.5	12	8		
	Purple		0.2	32	6.5		

Rotate and Customize
to suit your application needs

Version available for PCR and Microtubes:

Rota-Rack® Duo Tube Rack
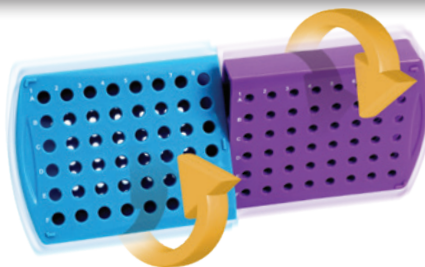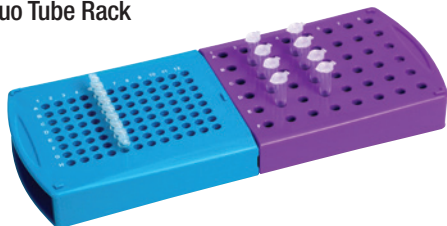
Rota-Rack, Page 72

Cube Tube Rack
Interlocking multi-tube racks

- Made of polypropylene
- Allows you to work with different sized tubes all in one unit

AUTOCLAVABLE 121° C

Pack of 5

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS29050A	▢▢		50	4	30	4.3 x 4.3 x 4.5	10.8 x 10.8 x 11.3
	▢▢		15	10	17		
	▢*		3-7	12	12.5		
			1.5/2.0	16	11.5		

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

4-Way Tube Rack
Link together to meet your application needs

Versatile
- Use as standalone unit or infinite units can be linked to create configurations to fit number of wells and tube sizes needed

Robust Functional Design
- Molded alphanumeric identification for quick location and retrieval of tubes
- Made from polypropylene that is chemical resistant and easy to clean
- Racks can be used in water baths and placed in freezer

AUTOCLAVABLE 121° C

Pack of 5

Item No.	Color		Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS29022A	Natural		HS29022E	Yellow		50	4	30		
HS29022B	Blue		HS29022F	Orange		15	12	17.5	6.9 x 3.7 x 2.1	17.4 x 9.5 x 5.2
HS29022C	Green		HS29022G	Assorted*		0.5	32	8.2		
HS29022D	Pink		*Assorted Colors (Blue, Green, Pink, Yellow, Orange)*			1.5/2.0	32	11.6		

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

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
- Clear Lid included for viewable, stackable storage
- Open space available under insert for extra storage

AUTOCLAVABLE 121° C

LOW TEMP -80° C

Pack of 5

Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H Dia.	L x W x H cm
HS23271A	Purple ■	15	16	18	4.9 x 4.9 x 5	12.5 x 12.5 x 12.9
		50	9	31		

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

AUTOCLAVABLE 121° C

Unique Well Design Tear drop shape allows for better retention of tubes
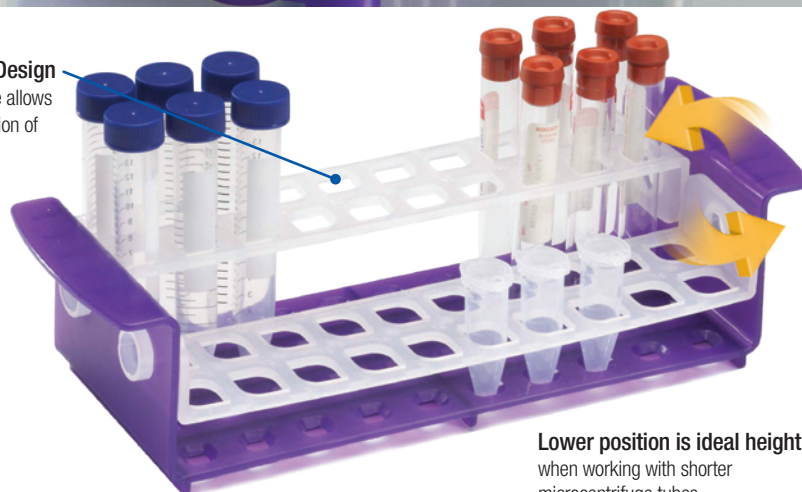
Lower position is ideal height when working with shorter microcentrifuge tubes

Alphanumeric grid for quick sample identification and retrieval

Ergonomic handles for ease of transporting the rack

Angled position for more comfortable pipetting

Included: 1 Base + 6 Tube Rack Inserts
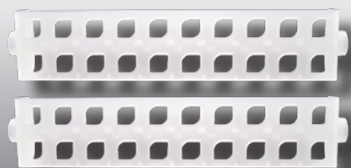
Two 10-13 mm Tube Racks Fits 5 mL, 7.5 mL, 10 mL Tubes
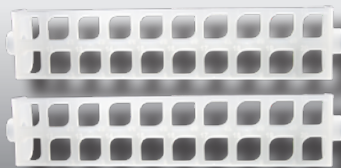
Two 13-17 mm Tube Racks Fits 5 mL, 15 mL Tubes

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

OneRack® Multi

US Patent No. 9776188

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

AUTOCLAVABLE 121° C

Pack of 2

Item No.	Rack #1 Color		Rack #2 Color	
120184	Blue/Green	■ ■	Green/Blue	■ ■
120185	Blue/Yellow	■ ■	Yellow/Blue	■ ■
120186	Pink/White	■ □	White/Pink	□ ■
120187	Blue/Blue	■ ■	Blue/Blue	■ ■
120188	White/White	□ □	White/White	□ □
120189	Pink/Pink	■ ■	Pink/Pink	■ ■
120190	Yellow/Yellow	■ ■	Yellow/Yellow	■ ■
120191	Green/Green	■ ■	Green/Green	■ ■

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H 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

Pack of 5

Item No.	Color	Tubes mL	Wells	Well Dia. mm	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

AUTOCLAVABLE 121° C   LOW TEMP -40° C

One-Well Friction-Fit 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. mm	L x W x H in (cm)
HS24306	Orange ■	15	30	17	8.1 x 6.7 x 2.4
		50	20	28	(17.1 x 17 x 6.1)

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

Fits 25 mL Conical Tubes
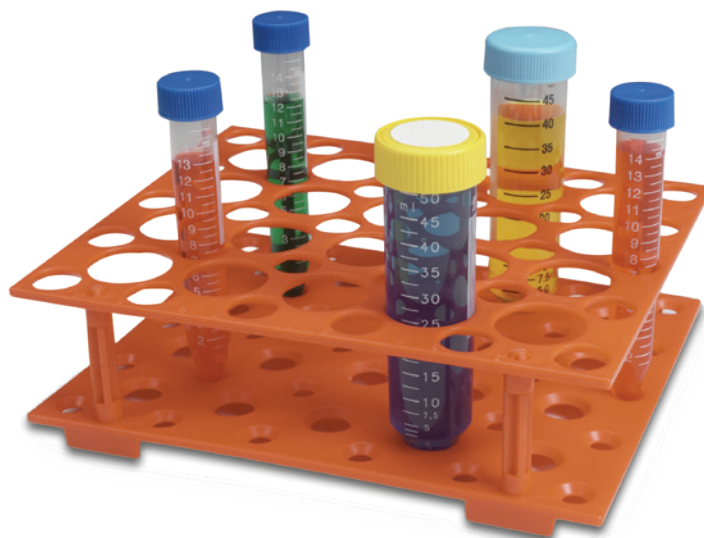
Universal Tube Rack

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
- 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

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	21, 12	17, 30
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

Fold and Snap Tube Rack
Economical durable rack

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

- Open design allows samples to be incubated at the same temperature
- Color code for easy identification

AUTOCLAVABLE
121° C

Easy to assemble
Just fold and snap together!
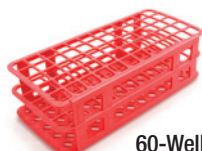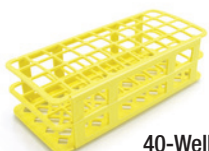
90-Well   60-Well   40-Well
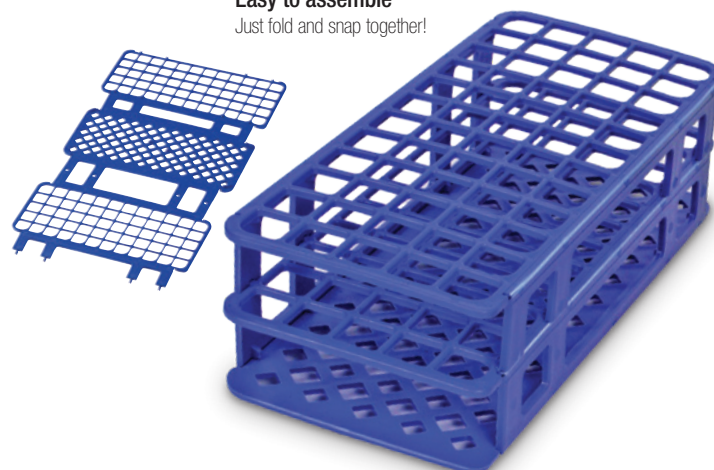
Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS243073B	Blue	■	5–10	90	13	9.6 x 4.1 x 2.4	24.5 x 10.5 x 6.3
HS243073W	White	□	5–10	90	13	9.6 x 4.1 x 2.4	24.5 x 10.5 x 6.3
HS243073R	Red	■	5–10	90	13	9.6 x 4.1 x 2.4	24.5 x 10.5 x 6.3
HS243073Y	Yellow	■	5–10	90	13	9.6 x 4.1 x 2.4	24.5 x 10.5 x 6.3
HS243077B	Blue	■	5–15	60	16	9.6 x 4.2 x 2.8	24.5 x 10.8 x 7.2
HS243077W	White	□	5–15	60	16	9.6 x 4.2 x 2.8	24.5 x 10.8 x 7.2
HS243077R	Red	■	5–15	60	16	9.6 x 4.2 x 2.8	24.5 x 10.8 x 7.2
HS243077Y	Yellow	■	5–15	60	16	9.6 x 4.2 x 2.8	24.5 x 10.8 x 7.2
HS243071B	Blue	■	5–30	40	20	9.8 x 4.2 x 2.8	24.9 x 10.8 x 7.2
HS243071W	White	□	5–30	40	20	9.8 x 4.2 x 2.8	24.9 x 10.8 x 7.2
HS243071R	Red	■	5–30	40	20	9.8 x 4.2 x 2.8	24.9 x 10.8 x 7.2
HS243071Y	Yellow	■	5–30	40	20	9.8 x 4.2 x 2.8	24.9 x 10.8 x 7.2

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

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 POM

AUTOCLAVABLE 121°C   LOW TEMP -40°C

Item No.	Color		Tubes mL	Wells	Well Dia. mm	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	(25 x 12.7 x 7)
HS27512D	Magenta	■				
120206	Yellow	■				
HS27513A	White	☐				9.9 x 3.9 x 3.2
HS27513B	Blue	■				(25.2 x 10 x
HS27513C	Green	■	10–18	40	20	8.3)
HS27513D	Magenta	■				
HS27514A	White	☐				
HS27514B	Blue	■				11.8 x 4.7 x 3.6
HS27514C	Green	■	10–18	40	25	(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 POM

AUTOCLAVABLE 121°C   LOW TEMP -40°C

Item No.	Color		Tubes mL	Wells	Well Dia. mm	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	(10.4 x 10.4 x 5.9)
HS27501D	Magenta	■				
120398	Yellow	■				
HS27502A	White	☐				
HS27502B	Blue	■				5 x 5 x 2.7
HS27502C	Green	■	5–10	36	16	(12.7 x 12.7 x 7)
HS27502D	Magenta	■				
120399	Yellow	■				
HS27503A	White	☐				
HS27503B	Blue	■				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	■				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	■				4.3 x 4.3 x 3.3
HS27505C	Green	■	15–50	9	30	(11 x 11 x 8.5)
HS27505D	Magenta	■				

OneRack® Full-Size Polypropylene

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in (cm)
HS27551A	White	☐				
HS27551B	Blue	■				7.9 x 4 x 5.9
HS27551C	Green	■	5–10	72	13	(20.2 x 10.4 x 5.9)
HS27551D	Magenta	■				
HS27552A	White	☐				
HS27552B	Blue	■				9.8 x 5 x 2.7
HS27552C	Green	■	5–10	72	16	(25 x 12.7 x 7)
HS27552D	Magenta	■				

Coated Wire Racks
Chemically resistant HDPE Coated Wire Racks

- 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

AUTOCLAVABLE 121° C   **LOW TEMP -40° C**
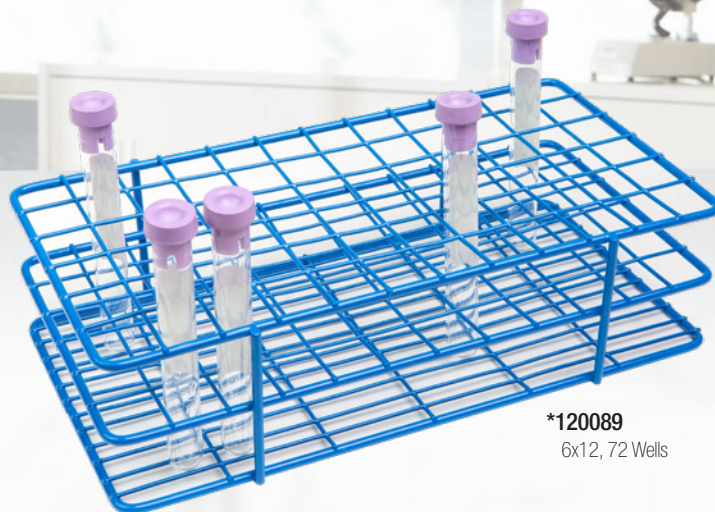
*120089
6x12, 72 Wells

Fits 10-13 mm Tubes

Item No.	Color		Tube Array	Wells	Well Dia. mm	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
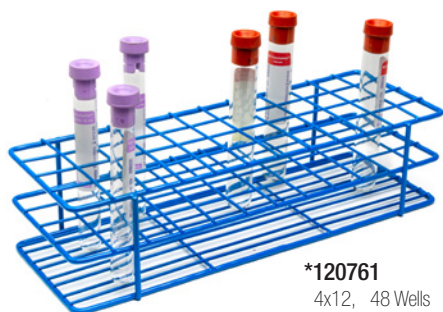
*120761
4x12, 48 Wells

Fits 13-16 mm Tubes

Item No.	Color		Tube Array	Wells	Well Dia. mm	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

Fits 16-20 mm Tubes – 15 mL

Item No.	Color		Tube Array	Wells	Well Dia. mm	L x W x H in	L x W x H cm
120764	Blue	■	4x10	40	20	9.5 x 3.9 x 3.1	24 x 9 x 8
120765	Blue	■	8x10	80	20	9.5 x 7.6 x 3.1	24 x 19 x 8
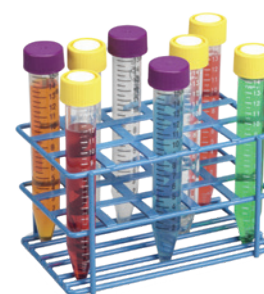
*HS23215
3x5, 15 Wells
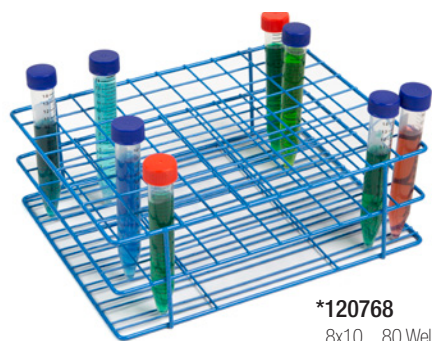
*120768
8x10, 80 Wells

Fits 20-24 mm Tubes

Item No.	Color		Tube Array	Wells	Well Dia. mm	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 Tubes

Item No.	Color		Tube Array	Wells	Well Dia. mm	L x W x H in	L x W x H cm
120769	Blue	■	3x8	24	25	10.7 x 4.1 x 3.2	27.3 x 10.5 x 8
120767	Blue	■	4x10	40	25	11.4 x 4.7 x 3.1	29 x 11.8 x 8
120768*	Blue	■	8x10	80	25	11.4 x 9.1 x3.1	29 x 23 x 8

Coated Wire Racks

Chemically resistant HDPE Coated Wire Racks

*HS232461
2x4, 8 Wells

Fits 25-30 mm Tubes - 50 mL

Item No.	Color		Tube Array	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS232461*	Blue	■	2x4	8	30	5.8 x 3.2 x 3.5	14.7 x 8 x 8.9
120770	Blue	■	6x8	48	30	10.9 x 8.3 x 3.9	27.7 x 20.9 x 9.8

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

*120771
3x8, 24 Wells
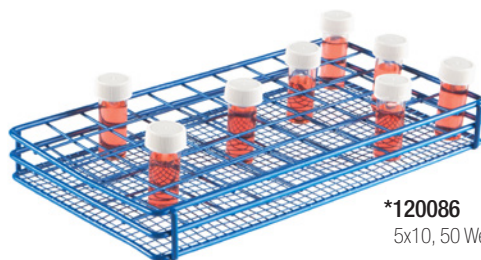
*120086
5x10, 50 Wells

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
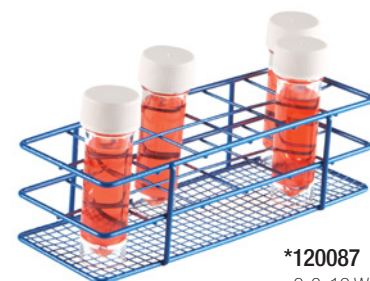
*120087
2x6, 12 Wells
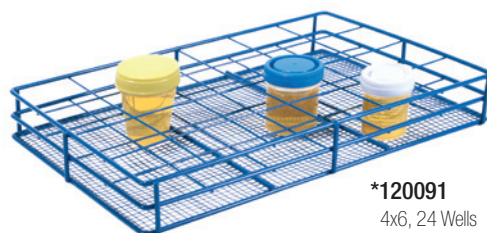
*120091
4x6, 24 Wells

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. mm	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

*HS23224
2x3, 6 Wells

Mega Rack®
High-capacity storage for your tubes

AUTOCLAVABLE 121° C

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. mm	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	□				
120112	White	□	432	13	26.5 x 9.3 x 3.5	67.3 x 23.5 x 9.0
120113	Blue	■				

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	Blue	■	120	16	13.3 x 10.5 x 3.6	33.7 x 26.7 x 9.1
HS24323E	White	□				
120114	White	□	240	16	26.5 x 10.5 x 3.5	67.3 x 26.7 x 9.0
120115	Blue	■				

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	■				

Peg Tube Racks
Strong, tough, versatile racks for bench use or tube storage

AUTOCLAVABLE 121° C

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 and retrieval of tubes
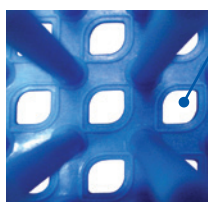
Unique tear drop well design
allows for better retention of tubes

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	■					
HS24312A	White	□	7	96	10–13	3.2 x 5 x 2.7	8.2 x 12.6 x 6.9
HS24312B	Blue	■					

View our complete line of Freezer Storage Boxes

Freezer Storage Boxes,
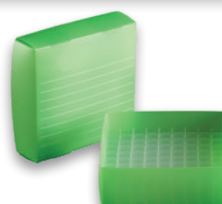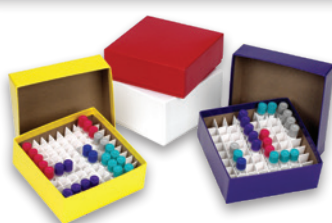
Cold Products & Storage

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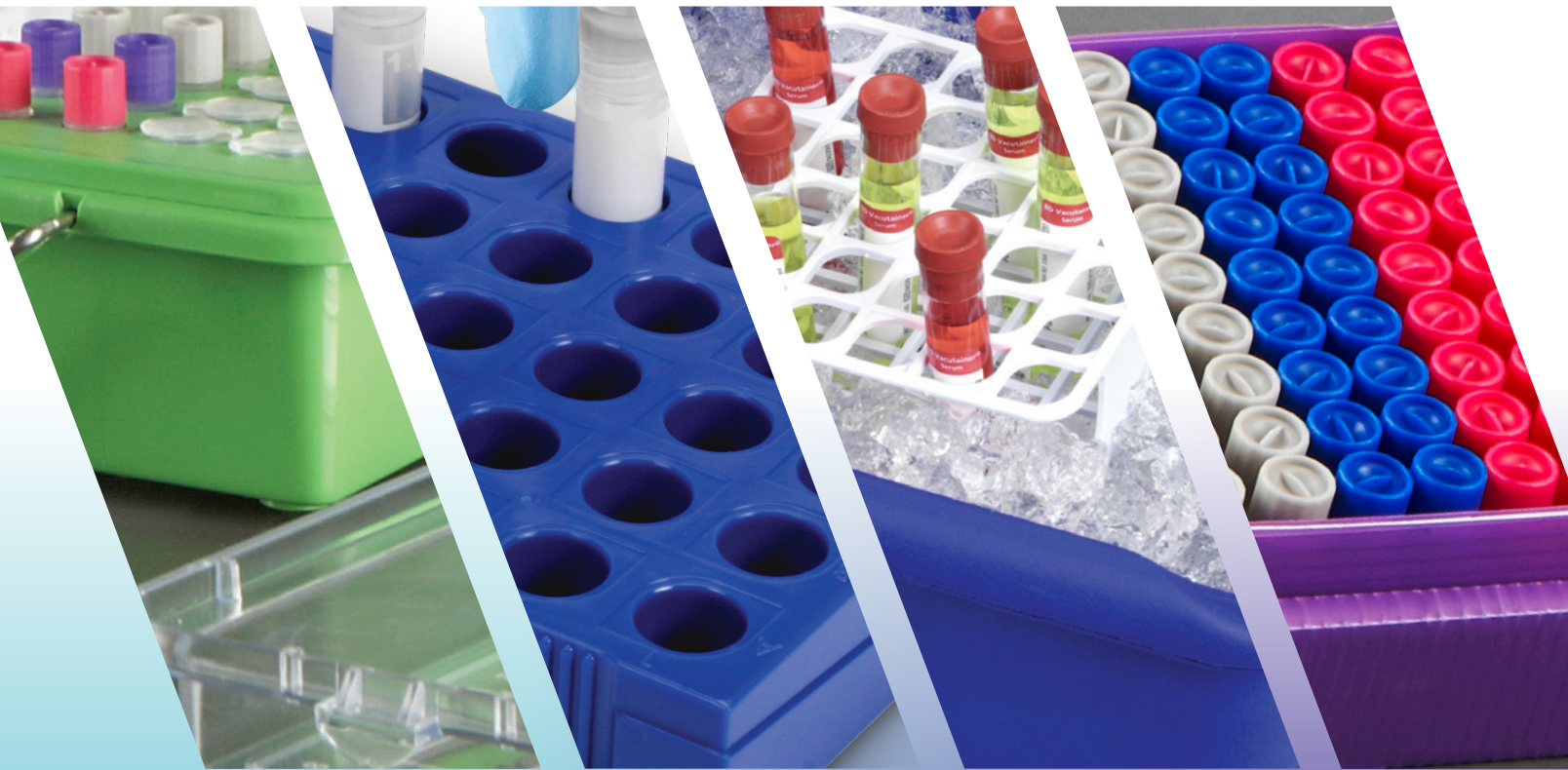
Cooling Containers

Low Temp Racks & Storage

Freezer Boxes, Racks & Accessories

Easy Pour Spout

Large Handles
for safer transportation

Cool Containers

Durable containers for chilling temperature-sensitive samples

Suitable for low temperature use. Ideal for ice, ice slurries and CO_2 pellets

- Made from polyurethane with metal inserts for stability
- Close-fit lid keeps evaporation to a minimum and features a comfortable recessed knob

- Tapered design for easy stacking
- Precise pour spout and large handles

LOW TEMP -80° C

Lid nests under bucket
for convenience and to save space

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
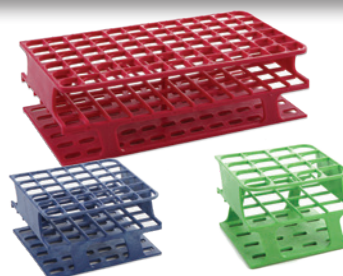
Floating Microtube Rack
For use on bench and in ice and water baths

- 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

AUTOCLAVABLE 121° C   **LOW TEMP 0° C**

Pack of 4

Item No.	Color		Tubes mL	Wells	Well Dia. mm	Shape/Dia. in
HS2132A	White	☐	1.5/2.0	16	10.9	Square 4
HS2134A				20		Round 3.8

Floating Tube Racks
Reusable and flexible

- Ideal for floating tubes in water baths, tubs or beakers
- Brightly colored foam racks made of high-density polyethylene that resists water absorption
- Racks include detachable carrying handles to easily lift samples out of baths
- Temperature Range 0° to 70° C

LOW TEMP 0° C

Pack of 5

Item No.	Color	Tubes mL	Wells	Well Dia. mm	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 Rotates 180°

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

Vented Lid
enables faster cooling of samples while in freezer

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

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

2 Year Warranty

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

WARM TO COLD

US Patent Pending, Community Design No: 004101756-0001-0002   *Pack of 2*

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

Assorted colors (Light Blue/Dark Blue & Pink/Purple)

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

Gridded and Keyed
one-position lids for easy sample identification

0.5 mL Tube Adapters
supplied as standard with the 0.5–2.0 mL tube size versions

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

2 Year Warranty
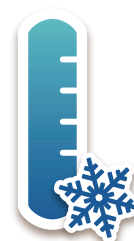
Tube Array Options
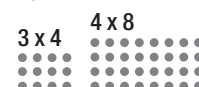
3 x 4   4 x 8   8 x 12
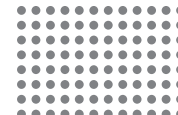
Item No.	Color		Tubes mL	Lid	Tube Array	Wells	L x W x H in	L x W x H cm	Temp.	Temp. Retention
120070	Green		0.5–2.0	Clear	3 x 4	12	5.7 x 4.1 x 3.9	14.5 x 10.5 x 10	0°C	1°C for 3 hr
120071		■		Clear	4 x 8	32	9.6 x 4.1 x 3.9	24.5 x 10.5 x 10	0°C	1°C for 2 hr
120072				Gel Filled	4 x 8	32	9.6 x 4.1 x 3.9	24.5 x 10.5 x 10	0°C	1°C for 5 hr
120073	Blue		0.5–2.0	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		■		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

- 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

AUTOCLAVABLE **121° C**   LOW TEMP **-80° C**

Work 2 Store® Expanding Tube Storage Box

Item No.	Color		Tubes mL	Wells	Well Dia. mm	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

AUTOCLAVABLE 121° C   **LOW TEMP -80° C**

Reversible
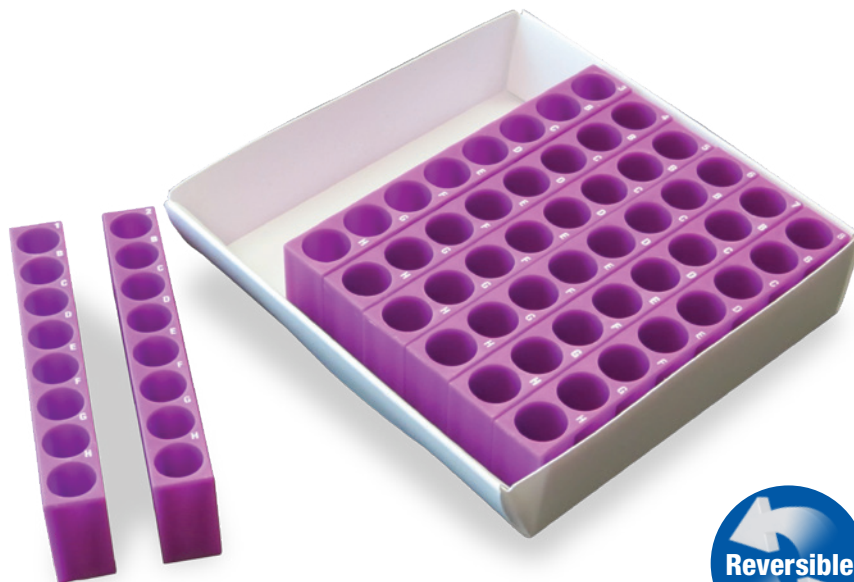
TracRack® Outer Box

- Made from thin film polypropylene material
- Moisture and mold resistant
- 2 in (5.3 cm) boxes fit in standard freezer racks
- Not recommended for autoclaving

TracRack® Tube Rack

Item No.	Color		Tubes mL	Wells	Well Dia. mm	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

Side Opening
enables faster cooling of samples to ensure integrity

Alphanumeric Identification
for quick location and retrieval of tubes

Sliding Lid
rotates 180° to become a convenient stand the rack sits on

Low-Temp PCR Rack: 96-Well
Slide, set, work & store PCR samples

Multi-purpose rack converts from compact workstation to lidded storage solution accommodating individual and strip 0.2 mL tubes

Versatile & Robust Solution

- Polycarbonate lid serves as cover and elevated rack base - just slide open land pivot lid under rack for compact workstation
- Lid can be used in right or left-handed orientation and is detachable
- Stackable saving valuable bench-top and freezer space
- Multiple colors offered for coding options

LOW TEMP -80° C

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

Pack of 5

Item No.	Color		Item No.	Color	
120538	Assorted*	■■■■■	120540	Green	■
120539	Blue	■	120541	Purple	■

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

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
0.2	96	5.2	4.9 x 3.6 x 1.5	12.5 x 9.2 x 3.7

Alphanumeric Identification
for quick location and retrieval of tubes

Microtube Storage Boxes

- Hold 1.5 and 2.0 mL microcentrifuge tubes and cryogenic vials

AUTOCLAVABLE 121° C

LOW TEMP -80° C

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

Pack of 5

Item No.	Color	
120032	Natural	☐
120033	Assorted*	■■■■■

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

Tubes mL	Wells	Well Dia. mm	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

Item No.	Color		Item No.	Color	
120034	Natural	☐	**120038**	Yellow	■
120035	Blue	■	**120039**	Orange	■
120036	Green	■	**120040**	Assorted*	■■■■■
120037	Pink	■	**120041**	Black	■

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

Tubes mL	Wells	Well Dia. mm	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

Pack of 5

Item No.	Color		Item No.	Color	
120042	Natural	☐	**120202**	Green	■
120043	Black	■	**120203**	Yellow	■
120044	Assorted*	■■■■■	**120204**	Orange	■
120201	Blue	■			

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

Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
1.5/2.0	100	12.3	5.6 x 6 x 2.2	14.1 x 15.1 x 5.7

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

AUTOCLAVABLE 121° C **LOW TEMP -80° C**

Pack of 5

Fill with ice and use as a temporary low temperature workstation

Item No.	Color	Tubes *mL*	Wells	Well Dia. *mm*	L x W x H *in*	L x W x H *cm*
HS23271A	Purple	15	16	18	4.9 x 4.9 x 5	12.5 x 12.5 x 12.9
		50	9	31		

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 -80° C

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

Low Temperature Microscope Slide Boxes,

Cryogenic Vial Rack
Safely store and transport cryogenic vials

- Made from polycarbonate
- Well tabs allow one-handed opening and closing of vials that have a slot feature
- Embossed index numbers and squared, upper left corner provide easy orientation
- Drainage holes in each well aid in cleaning
- Alphanumeric identification for quick location and retrieval of tubes

AUTOCLAVABLE 121° C **LOW TEMP -196° C**

Embossed Index Numbers and squared, upper left corner provide easy orientation

Pack of 4

Item No.	Color	Tubes mL	Wells	Well Dia. mm	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
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

LOW TEMP -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
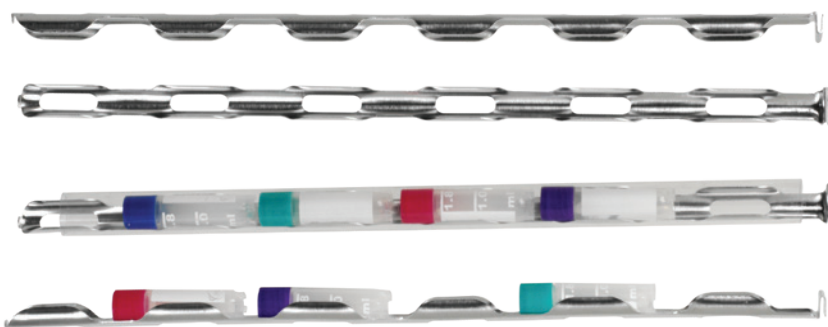
PVC Cryogenic Cane Sleeves
For extra security and sample safety

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

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

LOW TEMP -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 Vials, Page 67

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

LOW TEMP -196° C

Cardboard Cryogenic 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	■■■	1.5/2.0	5.2 x 5.2 x 2	13.3 x 13.3 x 5
HS2860CB	Blue	■			
HS2860CR	Red	■			
HS2860CY	Yellow	■			
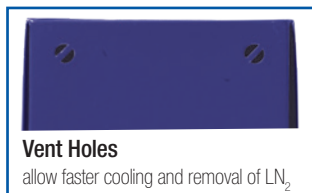
Vent Holes
allow faster cooling and removal of LN$_2$

Partitions
Partitions must be ordered separately   *Pack of 12*

Item No.	Array	Tubes mL	Wells	Well Dia. mm
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. mm	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

LOW TEMP -196° C
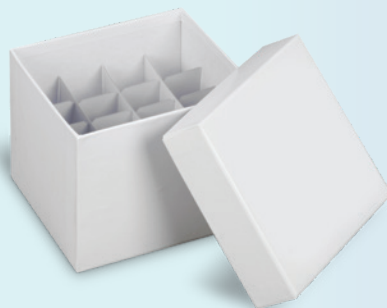
Cardboard Tube Storage Box & Lid
Pack of 10

Item No.	Color		L x W x H in	L x W x H cm
HS2860M	White	☐	5.7 x 5.7 x 4.8	14.5 x 14.5 x 12.2

Partitions
Partitions must be ordered separately   *Pack of 10*

Item No.	Array	Tubes mL	Wells	Well Dia. mm
HS2860T	6 x 6	15	36	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

LOW TEMP -196° C

Case of 200

Item No.	Color		Tubes mL	Wells	Well Dia. mm	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

Freezer Boxes
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

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

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

LOW TEMP -80° C

Pack of 10

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
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	☐	1.5/2.0	81	12	5.2 x 5.1 x 2	13.3 x 13 x 5.1
120376	Blue	■					
120387	White	☐	5	25	22.6	5.2 x 5.1 x 2.9	13.3 x 13 x 7.5
120388	Blue	■					
120428	White	☐	Vial	100	17	7.4 x 7.8 x 1.6	18.8 x 19.8 x 4.1

Corrugated Polypropylene 15 mL and 50 mL

LOW TEMP -80° C

Pack of 10

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
120391	White	☐	15	36	19.8	5.8 x 5.7 x 4.7	14.7 x 14.5 x 12
120392	Blue	■					
120366	White	☐	50	16	31.6	5.8 x 5.7 x 4.7	14.7 x 14.5 x 12
120367	Blue	■					

Thin Polypropylene film 1.5–2.0 mL

LOW TEMP -196° C

Pack of 10

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
120370	White	☐	1.5/2.0	81	12.1	5 x 4.9 x 1.9	12.5 x 12.4 x 4.9
120371	Blue	■					
120372	Lt. Green	■					

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

AUTOCLAVABLE 121° C   **LOW TEMP -196° C**

US Patent No.: D529,622
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

- 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

Chest Freezer Racks

Item No.	Config.	Box Size in	Box Size cm	L x W x H in	L x W x H cm
HS2862D	8 x 1	3	7.6	5.5 x 5.5 x 25.5	14.1 x 14.1 x 64.9
HS2862DB	9 x 1			5.5 x 5.5 x 29	14.1 x 14.1 x 73

Upright Freezer Racks: 2 inch Boxes

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	2	5.3	16.4 x 5.5 x 8.9	41.8 x 14.1 x 22.5
HS2862H	4 x 4			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

Item 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

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

Locking Rod
Keeps tube storage boxes safely in place

HS2862H
Shown with our 81-Well Microtube Storage Boxes, Page 94

HS2862AB

Upright Freezer Rack Configurations

3 x 3 4 x 3 4 x 4 5 x 3 5 x 4 8 x 1 9 x 1
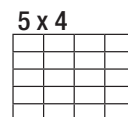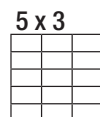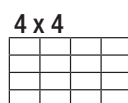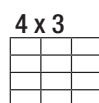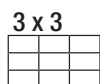
Tips for Keeping your Laboratory Freezer Running Efficiently

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

Slide Rail Design
ensures a secure fit allowing easy placement and removal of slides

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.
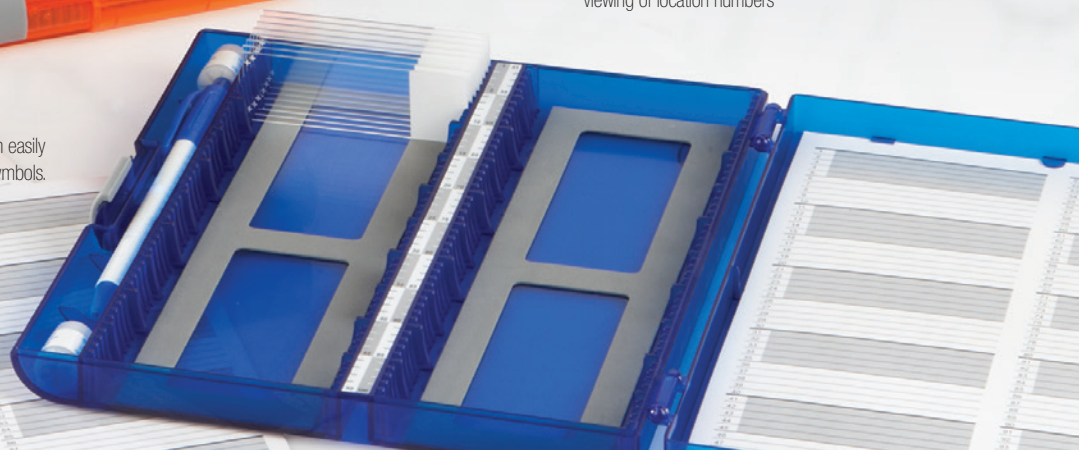
100-Place Premium Plus Slide Box
Modern design for maximum functionality

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

US Patent No.D904026

100-Place Premium Plus Slide Box

Pack of 5

Item No.	Color		Item No.	Color	
120576	Blue	■	**120579**	Red	■
120577	Orange	■	**120592**	Purple	■
120578	Green	■	**120593**	Assorted*	■ ■ ■ ■ ■

*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 Inventory Card

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 slide inventory sheet
- Organize by "Project" and "Date" with pre-molded labeling area
- Available in multiple colors for project coding

Durable & Safe

- ABS plastic boxes available with either cork or foam lining
- Designed to securely store slides in grooved slots
- Molded feet secure stacking for easy transport and storage

25-Place Slide Box
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	■	Cork	Friction Fit	5.6 x 3.5 x 1.4	14.1 x 8.8 x 3.5
HS15989B	Green	■				
HS15989C	Red	■				
HS15989E	White	□				
HS15989M	Blue	■	Foam	Friction Fit	5.6 x 3.5 x 1.4	14.1 x 8.8 x 3.5
HS15989P	Red	■				
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	■	Cork	Thumb-Latch	8.2 x 3.4 x 1.4	20.8 x 8.6 x 3.5
HS15996B	Red	■				
HS15996C	White	□				

100-Place Slide Box
Closes securely with a rust-resistant nickel-plated clasp and pin hinges

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

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

MADE IN USA

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	Latch Lock	5.6 x 3.6 x 1.2 (14.1 x 9.2 x 3)
HS15990B	Red	■			
HS15990C	White	☐			
120740	25-Place Replacement Inventory Card, Pack of 10				5.3 x 3.1 (13.4 x 8)

100-Place Slide Box

Item No.	Color		Lining	Lock	L x W x H in (cm)
HS15991A	Blue	■	None	Latch Lock	8.3 x 6.7 x 1.5 (21 x 16.9 x 3.7)
HS15991B	Red	■			
HS15991C	White	☐			
120741	100-Place Replacement Inventory Card, Pack of 10				3.9 x 6.1 (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 TEMP -80° C

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)

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		Capacity	L x W x H in	L x W x H cm
HS9902	Black	■			
HS9913	Blue	■			
HS9914	Green	■	20-Place	8.2 x 13.4 x 0.4	20.8 x 34.1 x 0.9
120196	Red	■			
120197	Yellow	■			
HS9930	Black	■	30-Place	8.2 x 12.9 x 0.4	28.1 x 32.8 x 1

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

Slide Tray Clasps   *Pack of 100*

Item No.	Color		L x W x H in	L x W x H cm
120653	Assorted*	□ ■ ■ ■ ■	2.2 x 1.7 x 0.6	5.6 x 4.4 x 1.6
120654	Clear	□		

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

Have a Question?

Our experienced and responsive CUSTOMER SERVICE and TECHNICAL SUPPORT teams are ready and available to help.

PHONE:
+1.847.816.5070
+44 (0) 845.450.7316

EMAIL:
info@heatsci.com

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

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	□		Pack of 25		
HS15983A	Assorted*	■■■ ■■	2-Place		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
- Variety of colors brings some fun to the lab and enables color coding

1-Place

2-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
- Polypropylene containers hold five standard slides (76 x 26 mm and 3 x 1 in)
- Inside wall features slotted channels to keep 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 bench-top stability
- Angled slide holder slots allow easy access to individual slides and viewing of slide labels
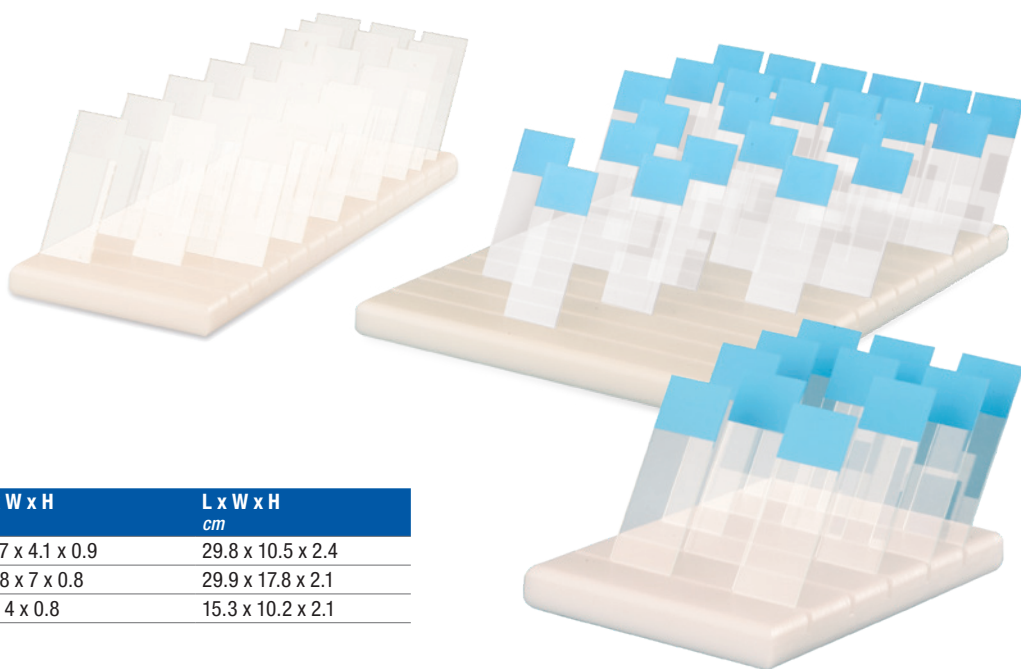
Item No.	Color		Capacity	L x W x H _in_	L x W x H _cm_
HS15981A	Natural	☐	40-Place	11.7 x 4.1 x 0.9	29.8 x 10.5 x 2.4
HS15981B	Natural	☐	78-Place	11.8 x 7 x 0.8	29.9 x 17.8 x 2.1
HS15981C	Natural	☐	15-Place	6 x 4 x 0.8	15.3 x 10.2 x 2.1

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
- Stain, rinse, and dry slides on a single working tray
- A clean and fresh working surface area every time

- Up to eight slides fit comfortably onto the base and the deep well holds up to 38 mL
- Compact size and recessed handles for easy transport from work area to sink
- Pack includes 4 trays and 1 lid

Dark Lid
protects slides for light-sensitive applications

Deep Well
holds up to 38 mL of liquid

2 Convenient Pour Spouts
for quick disposal of unwanted liquid waste

Item No.	Color		Capacity	L x W x H _in_	L x W x H _cm_
HS15951A	Black	■	8-Place	12 x 5 x 1.2	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

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

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

Lab Mats, Page 25
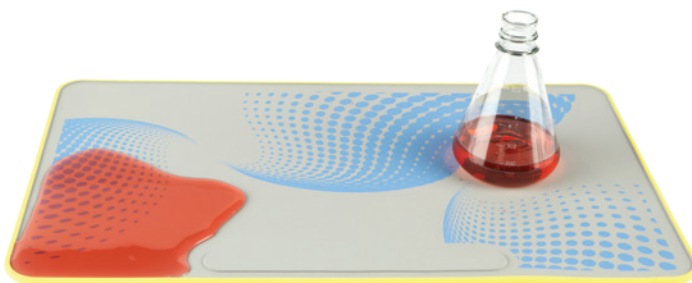
Wash Bottles Safety Labeled and Self Venting
Clear and informative product safety information

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 Color		Description	Capacity
120250	Red	■	Acetone	
120251	Clear	☐	Distilled Water	
120252	Yellow	■	Isopropanol	
120253	White	☐	Ethanol	
120254	Green	■	Methanol	500 mL
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

smartSlicer™
Laboratory Safety Razor Blade
Say no to dangerous sharps

- At just 0.27 mm the US Patent Pending product is as thin as a single edge industrial razor blade, but much safer
- Cleanly slice agarose gels right on the light box without scratching the surface
- Ideal for cutting soft tissue and plant matter
- Adjust the size required by simply cutting with scissors
- Made from food grade PET
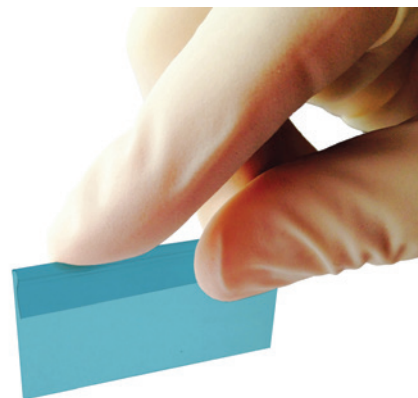
Pack of 100

Item No.	L x W x H *in*	L x W x H *mm*
120259	0.8 x 1.5 x 0.01	19 x 38 x 0.3
120260	1 x 2 x 0.01	25 x 50 x 0.3

smartSlicer™ is a trademark of LevGo Inc.

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	C	Blue ■	125–500	1.9	4.2	3	7.5	215
HS8882A	O			1.9	4.8	3	7.7	210
HS8881B	C	Blue ■	250–1000	2	5.1	3.5	9	465
HS8882B	O			2	5.1	3.5	9	490
HS8881C	C	Blue ■	500–2000	2.1	5.4	3.9	9.8	595
HS8882C	O			2.2	5.7	3.9	9.8	610
HS8881D	C	Blue ■	1000–4000	2.6	6.6	4.4	11.3	890
HS8882D	O			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

AUTOCLAVABLE 121° C

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	Red ■	1.6	9 L	200	14 x 19	35.6 x 48.3
HS10322			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

Holds Biohazard Disposal Bag HS10320

Epoxy Coated
HDPE Wire Holder

Autoclavable Disposal Bags

Clear bags imprinted with blue biohazard labeling designed for safe disposal

- Constructed of 2 mil thick polypropylene, allowing for repeated autoclaving
- Strong side seams for securely holding items

- Front write-on panel
- 4 inner packs of 50 bags

AUTOCLAVABLE 121° C

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 ■		

PPE Dispensers & Holders

MADE IN USA

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

3 Compartment

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

5
Compartment

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
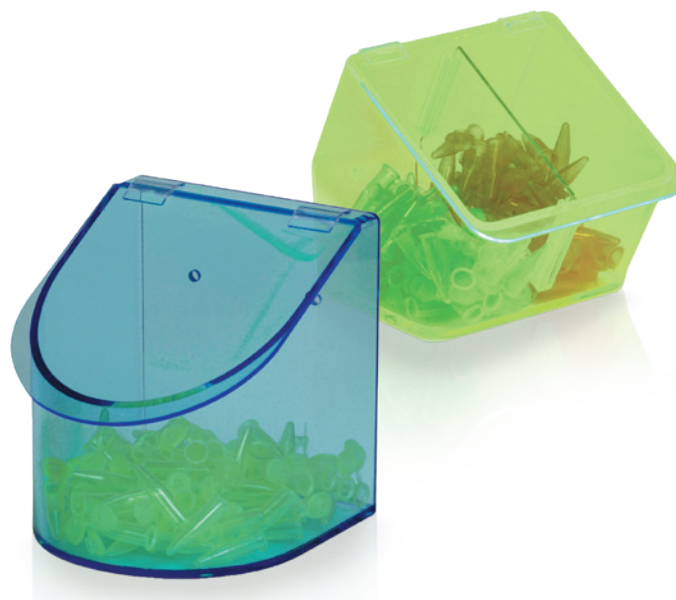
Clear Acrylic Glove Box Holders
Keep gloves organized & ready for immediate use

- 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
- Modular design allows single boxes or horizontal stacking for multiple box holders
- Universal fit for most major brands of glove boxes
- Mounting screws included

US Patent No. 6669157   **Pack of 3**

Item No.	Description	Color	L x W x H in	L x W x H cm
120258	Standard	White ☐	10 x 6.1 x 3.8	25.4 x 15.6 x 9.7
HS23491A	Anti-microbial	Blue ■		

Microban® antimicrobial product protection. 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.

MADE IN USA

Flexible Glove Box Holder
Glove box holder ideal for gloves, face masks, shoe covers and more

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

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

Adaptable
Store different size boxes
all in one holder

Item No.	Color	L x W x D in	L x W x D cm
120107	White ☐	21.9 x 5.2 x 2.7	55.8 x 13.2 x 6.8

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

Replacement Part Kit:

- 2 extra blades,
- 2 extra heating elements,
- 2 extra PTFE cloths

Timing knob ensures safe sealing

Item No.	Power Supply		L x W X H in	L x W X H cm
HS28270	220-230 VAC, UK			
HS28271	220-230 VAC, Cont. Europe/Israel		17.6 x 3.4 x 6.5	44.6 x 8.6 x 16.6
HS28272	110-120 VAC, US/Taiwan/Japan			
HS28280	Replacement Part Kit			

Parafilm® M Sealing Film

Protect the integrity of your laboratory and research applications

MADE IN USA

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

- Protect the integrity of research applications with a tight moisture-barrier that holds a strong seal and doesn't release from glassware, despite off-gassing
- Reduce the risk of tampered data with a covering that is odorless, colorless and semi-transparent
- Prevents moisture and volume loss due to material composition and tight seal
- Flexible and self-sealing material allows it to cling around irregular shapes and surfaces
- Stretches more than 200% of original length
- Resistant up to 48 hours against many polar substances such as saline solutions, inorganic acids and alkaline solutions
- Two color options available in 2" rolls (natural and purple) for color coding purposes

Item No.	Color		Film Width in	cm	Roll Length ft	m
HS234526A	Natural	☐	2	5	250	76.2
120762	Purple	◼	2	5	250	76.2
HS234526B	Natural	☐	4	10	125	38.1
HS234526C	Natural	☐	4	10	250	76.2
120265	Natural	☐	20	50.8	50	15.2

Parafilm® M is a registered trademark of Amcor Limited

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	Replacement Blades for Box Top Dispenser, *Pack of 3*

Parafilm® M is a registered trademark of Amcor Limited

ABS Dispenser for Parafilm® M Sealing Film
Store, dispense, and cut Parafilm® M, tape, labels, and Tough-Tags®

- 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 *in*	L x W x H *cm*
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

PetriSEAL™ and ContainerSEAL™

Sealing tape for petri dishes, microplates, lids and caps

- Tape stretches, conforms and seals to irregular perimeters
- Waterproof and chemically resistant to most solvent and caustic agents

- Seal remains flexible even with intermittent exposure to 100°C

PetriSEAL™

Item No.	Color	Film Width		Roll Length	
		in	cm	ft	m
HEAPSEAL-108B	Blue				
HEAPSEAL-108C	Clear				
HEAPSEAL-108R	Red	0.5	1.3	108	33
HEAPSEAL-108Y	Yellow				
HEAPSEAL-108W	White				

ContainerSEAL™

Item No.	Color/Size	Film Width		Roll Length	
		in	cm	ft	m
HEACSEAL-75R	Red				
HEACSEAL-75W	White	0.8	1.9	108	33
HEACSEAL-75Y	Yellow				
HEACSEAL-XLR	Red XL				
HEACSEAL-XLW	White XL	1	2.5	108	33
HEACSEAL-XLY	Yellow XL				

PetriSeal™ and ContainerSeal™ are trademarks of Diversified Biotech, Inc

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	Roll Width		Roll Length	
	mm	in	cm	ft	m
HS23534A	0.015	4	10.2	500	152.4
HS23536A	0.015	6	15.3	500	152.4
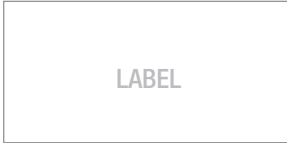
Cryo-Babies® and Cryo-Tags® Low Temperature Labels

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

AUTOCLAVABLE 121° C   **LOW TEMP -196° C**

Cryo-Babies® on a Roll

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-O**	**HEACRY-2000-O**
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

AUTOCLAVABLE 121° C

LOW TEMP -196° C

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-O	-	HEALCRY-1700-O	HEALCRY-1100-O	-	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

Ideal 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-O	-	-	HEALCRY-1200-O
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 a Roll
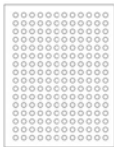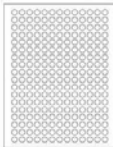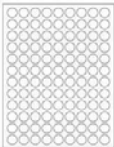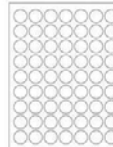
Ideal Use	0.2 mL Tubes	0.5 mL Tubes	1.5/2.0 mL Tubes	1.5/2.0 mL Tubes	15-50 mL Tubes	50 mL Tubes
Label Diameter	0.1875 in/4.8 mm	0.375 in/9.5 mm	0.4375 in/11 mm	0.50 in/13 mm	0.75 in/19 mm	1.0 in/25 mm
UOM	1,500/roll	1,000/roll	1,000/roll	1,000/roll	500/roll	500/roll
Item No.						
White	**HEATS-TNY**	**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-O	-	HEAT-SPOTS-50-O	-	-
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	-	-

AUTOCLAVABLE 121° C   **LOW TEMP -196° C**

- 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

Ideal 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
Item 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

AUTOCLAVABLE 121° C

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

Tough-Tags® is a registered trademarks of Diversified Biotech, Inc

Laser Tough-Tags® on Sheets formatted for laser printers

Ideal Use	0.5 mL Tubes	1.5/2.0 mL Tubes	General Purpose	Microscope Slides
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	0.94 x 0.94 in/22 x 22 mm
Labels/Sheet	119	85	60	96
Labels/pk	2,975	2,125	1,500	2,400
UOM	25/pk	25/pk	25/pk	25/pk
Item No.				
White	**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**
Orange	**HEATTSW-2240-O**	**HEATTLW-2016-O**	**HEATTLW-1050-O**	**HEAMISL-1000-O**
Red	**HEATTSW-2240-R**	**HEATTLW-2016-R**	**HEATTLW-1050-R**	**HEAMISL-1000-R**
Yellow	**HEATTSW-2240-Y**	**HEATTLW-2016-Y**	**HEATTLW-1050-Y**	**HEAMISL-1000-Y**
Rainbow*	**HEARNBW-3100**	**HEARNBW-3000**	**HEARNBW-3200**	**HEARNBW-3300**

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

Label Station
Organize your labels for easy accessibility

MADE IN USA

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®, Cryo-Babies® and Tough-Spots® are registered trademarks of Diversified Biotech, Inc.
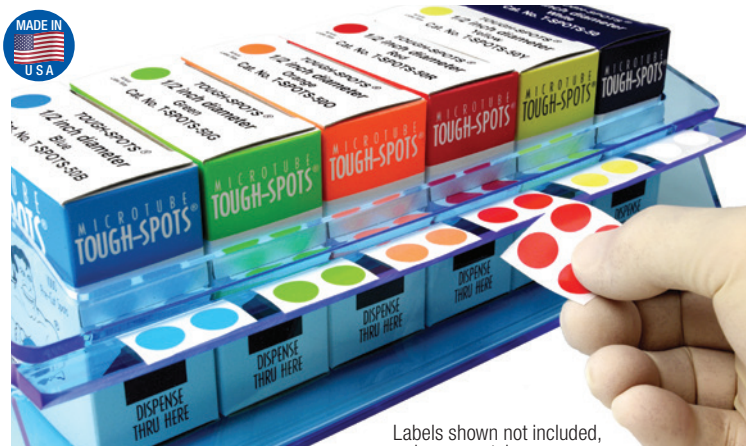
Labels shown not included, order separately

Charts & References

Plastic Material References

Product Number Index

Product Alpha Index

Plastic Material References

Chemical Resistance of Plastics

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

	LDPE		HDPE		PP		PMP (TPX)		PVC		PC		ABS/PS		SAN		PMMA		PTFE		POM	
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	P	G	F	F	P	F	P	P	P	F	P	P	P	P	P	P	P	G	G	G	G
Acetic Acid (Glacial)	F	P	G	G	G	F	F	F	G	P	P	P	P	P	P	P	P	P	G	G	P	P
Acetic Anhydride	P	P	F	F	F	F	G	F	P	P	P	P	P	P	P	P	P	P	G	G	P	P
Acetone	F	P	P	P	F	P	G	G	P	P	P	P	P	P	P	P	P	P	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	P	G	F	F	P	G	F	P	P	P	P	P	P	P	P	G	G	G	G	G	G
Aniline (Phenylamine)	G	F	G	G	G	G	G	F	P	P	P	P	P	P	P	P	P	P	G	G	F	F
Aqua Regia	P	P	P	P	P	P	P	P	P	P	P	P	P	P	F	P	P	P	G	G	G	G
Benzaldehyde	G	F	F	P	P	F	G	F	P	P	P	P	P	P	P	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		
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		
Calcium Hydroxide (Saturated)	G	G	G	G	G	G	G	G	G	G	P	P	F	F	G	G	F	F	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	P	F	P	F	P	P	P	G	P	P	P	P	P	F	P	P	P	G	G	F	F
Chloroform	F	P	F	P	P	P	P	P	G	P	P	P	P	P	P	P	P	P	G	G	P	P
Citric Acid (1M)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		G	G		
Cresol	P	P	F	F	F	F	P	P	P	P	P	P	F	P	P	P	P	P	G	G		
Cyclohexane	F	P	F	P	F	P	P	P	P	P	G	F	P	P	F	P	F		G	G	G	G
Dibutyl Phthalate	F	P	F	P	F	P	F	P	P	P	F	P	P	P	P	P	P	P	G	G	G	G
Dichlorobenzene	F	P	F	P	F	P	P	P	P	P	P	P	P	P	P	P	P	P	G	G	P	P
Diethyl Ether	P	P	F	P	F	P	P	P	G	P	P	P	P	P	P	P	P	P	G	G	G	G
Diethylene Glycol	G	G	G	G	G	G	G	G	F	P	F	F	G	G	G	G	P	P	G	G	G	G
Dimethyl Formamide (DMF)	G	G	G	G	G	G	G	G	P	P	P	P	P	P	P	P	P	P	G	G	G	G
Dimethyl Sulfoxide (DMSO)	G	G	G	G	G	G	G	G	P	P	P	P		F	P	P	P	P	G			
Dioxane	F	F	F	F	P	P	F	F	P	P	P	P	P	P	P	P	P	P	G	G	F	F
Ethyl Acetate (Ethyl Ester)	G	G	G	G	F	P	F	P	P	P	P	P	F	P	P	P	P	P	G	G		
Ethyl Alcohol (Absolute Ethanol)	G	F	G	G	G	G	G	F	G	G	G	F	G	F	P	P	P	P	G	G	G	
Ethyl Chloride (Chloroethane)	F	P	P	P	F	P	F	P	P	P	P	P	F	P	P	P	P	P	G	G		
Ethylene Chloride	F	P	P	P	F	P	F	P	P	P	P	P	F	P	P	P	P	P	G	G	P	P
Ethylene Oxide (Pure)	F	F	F	F	F	P	F	P	P	P	F	P	P	P	G	G	G	G	G	G	G	G
Ethylene Oxide (Gas)	F	F	G	G	G	G	F	F	F	F	G	G	G	F	F	F	G	G	G			
Formaldehyde (Formalin) 40%	G	F	G	F	G	G	G	G	G	G	G	G	F	F	F	F	G	F	G	G	G	G
Formic Acid (50%)	F	F	G	G	G	F	G	G	G	P	F	F	F	F	G	F			G	G		
Formic Acid (100%)	F	F	G	G	G	F	G	G	G	P	F	F	P	P	P				G	G	P	P
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		G	G	G	G
Hydrobromic Acid (69%)	G	G	G	F	G	F	G	G	G	G	F	F	F	F	F	F	P	P	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	P	P	G	G	P	P
Hydrofuoric Acid (48%)	G	G	G	G	G	F	G	F	F	F	F	P	P	P	G	F	P	P	G	G	P	P
Hydrogen Peroxide (30%)	G	G	G	G	G	F	G	G	F	G	G	G	G	F	G	G	F	F	G	G	G	P
Lactic Acid (85%)	G	G	G	G	G	F	G	G	F	G	G	F	G	G	G	G	G	G	G	G	G	P
Methyl Acetate	G	P	G	G	G	F	F	P	P	P	P	P	P	P	P				G	G		
Methyl Alcohol (Methanol)	G	F	G	G	G	G	G	F	G	G	F	F	F	F	P	P	P	P	G	G	G	G
Methyl Ethyl Ketone (Butanone)	P	P	P	P	G	G	G	P	P	P	P	P	P	P	P	P	P	P	G	G		
Methylene Chloride (Dichloro Methane)	P	P	G	G	G	P	G	P	P	P	P	P	P	P	P	P	P	P	G	G	P	P
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	G	F	F	F	G	F	F	G	F	F	G		G	G	P	P
Nitric Acid (70%)	G	P	G	P	P	P	G	P	P	P	P	P	P	P	P	P	P	P	G	G	P	P
Nitrobenzene	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	G	G	F	P
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	P	F	F	F	P	F	P	F	P	P	P	F	F	F	F	G	G	F	F	P	P
Phenol (100%)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	G	G	P	P
Phosphoric Acid (85%)	G	P	G	G	G	F	G	F	G	F	G	F	G	F	G	G	F	P	G	G	G	P

TEMPERATURE °C	LDPE		HDPE		PP		PMP (TPX)		PVC		PC		ABS/PS		SAN		PMMA		PTFE		POM	
	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Picric Acid	P	P	P	P	P	P	G	G	P	P	P	P	F	F	G	G			G	G		
Potassium Hydroxide (30%)	G	G	G	G	G	G	G	G	G	G	P	P	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	P	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	P	P	P	P	G	G	F	P	P	P	P	P	P	P	P	P	P	P	G	G	G	F
Salicylic Acid	G	G	G	G	G	G	G	G	F	F	G	F	G	F	G	F			G	G	P	P
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	P	P	G	F	G	F	G	P	G	G	G	G
Sodium Hypochlorite (15%)	G	F	G	F	F	P	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	P	P	P	P	G	G	P	P
Sulphuric Acid (98%)	F	F	F	F	F	G	F	F	F	P	P	P	F	F	P	P	P	P	G	G	P	P
Tetrahydrofuran (THF)	F	P	F	G	F	F	F	F	P	P	P	P	P	P	P	P	P	P	G	G	F	F
Toluene	F	P	P	P	P	P	F	F	P	P	P	P	P	P	P	P	P	P	G	G	P	P
Trichloroacetic Acid	F	P	F	P	F	F	G	G	F	P	F	P	F	P	P	P			G	G		
Trichloroethylene	P	P	P	P	P	P	G	P	P	P	P	P	P	P	P	P	P	P	G	G	P	P
Turpentine	F	P	F	P	F	P	F	P	F	F	F	P	P	P	F	P	F	P	G	G	G	G
Xylene	P	P	F	P	P	P	F	P	P	P	P	P	P	P	P	P	P	P	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	P

Physical Properties of Plastics

	LDPE	HDPE	PP	PMP (TPX)	PC	PS	PMMA	PTFE
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 cause deterioration at autoclaving temperatures unless removed with distilled water beforehand.

- Gas—Ethylene Oxide, formaldehyde, hydrogen peroxide.

- Dry heat (160°C, 120 minutes)

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

- Radiation—gamma irradiation at 25 kGy (2.5 MRad) with unstabilized plastic.

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