

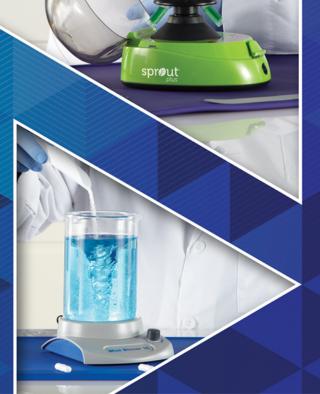
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Volume 20.1

# **Table of Contents**

Everything you need for a well stocked laboratory or educational environment



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# **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.





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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	9.2 X 7.3 X 4.7	
Replaceme	nt parts		
120622	MagFuge® Rotor, 12 x 1.5/2.0 mL tube		
120623	MagFuge <sup>®</sup> Rotor, 6 x 5.0 mL tube		
120624	MagFuge <sup>®</sup> Stirrer Rotor		
120682	MagFuge <sup>®</sup> Silicone Mat		
120527	Power Adapter		
120015	Tube Adapters, 0.2 mL, 0.5 mL, Pack of 12 (6 ea.)		
HS100502	Universal Power Cord Set		

#### Patent Information

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

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

De clas y a la clasifa a			
Package Includes			
Centrifuge/Stirrer	Stirrer Rotor	12 Tube Adapters 0.2 mL & 0.5 mL	
5.0 mL Tube Rotor	2 Stir Bars, 35 m	m x 12 mm, cylindrical shape	
1.5/2.0 mL Tube Ro	mL Tube Rotor 2 Silicone Mats for Stirrer Lid		
1 Low Voltage, Doub	e, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4		
Interchangeable Plu	Interchangeable Plugs		
Specifications: Cer	ntrifuge		
Speed Range	<b>Solution</b> Solution (and the second s		
RCF	16 – 9,783 x g (max RCF calculated)		
Run Time Ranges	30 seconds – 60 minutes (5 second increments)		
0			
Specifications: Ma	gnetic Stirrer		
Speed Range	50 – 999 rpm (increments of 1); 1,000 – 2,500 rpm (increments of 5)		
Run Time Range	me 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		

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

operate, release to end spin cycle

arran

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



## **Gusto® High-Speed Mini Centrifuge**

### Maximum speed with minimal space

7.7

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

#### Made of durable ABS with UV-Resistant coating

#### **User Friendly**

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

#### **Quiet Operation**

- Brush-less motor enables quiet operation and low vibration

#### Safety Features

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

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

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

Package Includes
Gusto <sup>®</sup> High-Speed Mini Centrifuge
12-Place 1.5/2.0 mL Tube Rotor
32-Place 0.2 mL Tube Rotor (singles, or 4 x 8 Strip)
12 Tube Adapters 0.2 mL
12 Tube Adapters 0.5 mL
1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs



## Sprout<sup>®</sup> Plus Mini Centrifuge

Mini but Mighty - ideal for small runs

#### Easy to Use

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

#### **Ergonomic Design**

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

#### Safety Measures

Sprout<sup>®</sup> Plus Item No.

120610

120611

120491 120015

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

Color

Green

Blue



Specifications

Speed Range

RCF

LxWxH

6 x 5 x 4.3

in

	Package Includes
Approx. 6,000 rpm (fully loaded)	Sprout® Plus Mini Centrifuge
2,000 x g	6-Place 1.5/2.0 mL Tube Rotor
	16-Place 0.2 mL Tube Rotor (singles, or 2 x 8 strip)
	6 Tube Adapters 0.2 mL
cm	6 Tube Adapters 0.5 mL
15.3 x 12.8 x 10.9	4 Lid O-Rings
	Storage Case for Rotors and Adapters
	Tube Rack
	1 Low Voltage, Double Insulated Power Adapter (100-240 VAC, 50/60 Hz) with 4 Interchangeable Plugs         II         II

Accessory Kit Included

#### HS100012 120148

**Replacement parts** HS100011

## **Need tubes?**

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

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

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

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

Sprout® Plus Lid O-Ring, Pack of 10 Sprout<sup>®</sup> Plus Power Adapter



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



## **Portable Centrifuge Kit**

Spin samples on-the-go

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

#### **Immediate Field Processing**

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

#### Easy to Use

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

#### Portable Convenience

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

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

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 <sup>®</sup> Plus Centrifuge Car Adapter*
	*Adapter can be used with Sprout <sup>®</sup> Plus Mini Centrifuge



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

## 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)		
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 <sup>®</sup> Plus Cradle		
Portable 12V Sprout <sup>®</sup> Plus Centrifuge Car Adapter		

See page 8 for functional details on the Sprout® Plus

## **Magnetic Induction Stirrer**

Strong, motor-less and maintenance free

#### **Superior Functional Design**

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

#### **Intuitive Operation**

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



Item No.	Color	L x W x H in	L x W x H cm
120584	Grey/Purple	9.7 x 7.7 x 3	0.7
120585	Grey/Blue	9.7 X 7.7 X 3	24.5 x 19.5 x 7.5

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

5 Year Warranty

 Protective silicone anti-skid plate cover for improved safety





Durable ABS housing is corrosion resistant and easy to clean

Specifications		
Speed Range	50–2,000 rpm variable, 1 rpm increments	
Run Time Range	30 seconds to 60 minutes, variable, 1 second increments or continuous	
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	



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 Adapt Interchangeable Plugs	$\square \bigcirc i$	



## **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

Mini Stirrer Universal Power Adapter

#### **Durable Design**

Replacement Part

#### **Ultimate Function**

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



#### Specifications

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

Capacity Up to 3 L

Package Includes Mini Magnetic Stirrer



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

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

240	VAC,	50/60	Hz) wit	th 4 Inte	rchange	able Plugs
	•	•	<b>-</b>	$\bigcirc$		

2 Stir Bars 35 mm x 9 mm, Octagonal Shape



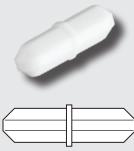
## Stir Bars & Stir Bar Retriever

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

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

Stir Bar Retriever Pack of 5				
Item No.	<b>L</b> (in)	L (cm)		
120553	11.8	30		





**Octagonal Shape** 

## Lab Mats

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





## Vortexer

#### Multi-purpose, maximum convenience

#### **Innovative Design**

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

#### Easy to Use

Item No.

120209

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

#### **Durable Construction**

Infinity Dial

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

Center pad area for



hand held mixing

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



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



0.5 mL microfuge tubes x 6 (vertically mounted)



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

1.5/2.0 mL microfuge tubes x 4

(vertically mounted)

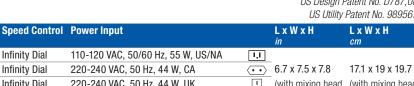


15 mL conical tubes x 2 (horizontally mounted)



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

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



			, , ,			
1	20212	Infinity Dial	220-240 VAC, 50 Hz, 44 W, CA	$\langle \bullet \bullet \rangle$	6.7 x 7.5 x 7.8	17.1 x 19 x 19.7
1	20214	Infinity Dial	220-240 VAC, 50 Hz, 44 W, UK	1	(with mixing head	(with mixing head
1	20210	Preset Dial	220-240 VAC, 50 Hz, 44 W, AUS	$\bigcirc$	in place)	in place)
1	20318	Preset Dial	100-110 VAC, 50/60 Hz, 66 W(PSE), Ja	apan п	-	

Replacem	nent parts	Replace	ment parts	
120327	Vortexer Multi-Head	120333	220-240 VAC AUS Cord	$\odot$
120328	Vortexer Central Pad, 3 pk	120332	220-240 VAC CE Cord	••
120422	Vortexer Retention Cords, 3 pk	120331	220-240 VAC UK Cord	<u>.</u>
120329	100-120 VAC US Cord	120330	100-110 VAC Japan Cord	

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



Models 120209, 120212, 120214



## **Mini Vortexer**

## Small footprint with maximum power

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

#### **Robust Design**

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

#### **Powerful Function**

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





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

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



Package Includes

Mini Vortexer

2 Silicone Caps

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

			0.5. Design Faleni No. Do 14,045
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		



## **Digital Orbital Shaker**

#### Shaker for a vast range of protocols

#### Versatile Design

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

#### **High-Featured Operation**

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

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

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



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



Package Includes
Digital Orbital Shaker
Skid-Free Rubber Platform Mat
8 Bungee Cord Set

Universal Hi-Lo Platform with Soft Rubber Edge Bumpers

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

Interchangeable Plugs 11 (••



#### Easy Identification

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



Magnetic & Screw Wall-Mount



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



#### 

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

## **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



- Low-battery indicator

the unit

- New USB connecter ensures the

Can be recharged when in use

appropriate charger is used with



Storage Stand doubles as a charging station

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

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## **Pipette Controller**

### Precise fluid control at your finger tips

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

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

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



Nose cone assembly only

Item No.	Color	Volume Range mL	L x W x H in	L x W x H cm
120479	Blue 🗖	1–100	9 x 2.1 x 2.1	23 x 5.4 x 5.4

## **Operation Is Simple:**

Squeeze the bulb to create a vacuum to draw up fluid

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

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

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



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



## 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  $\mu m$  hydrophobic filter to protect your samples and internal components



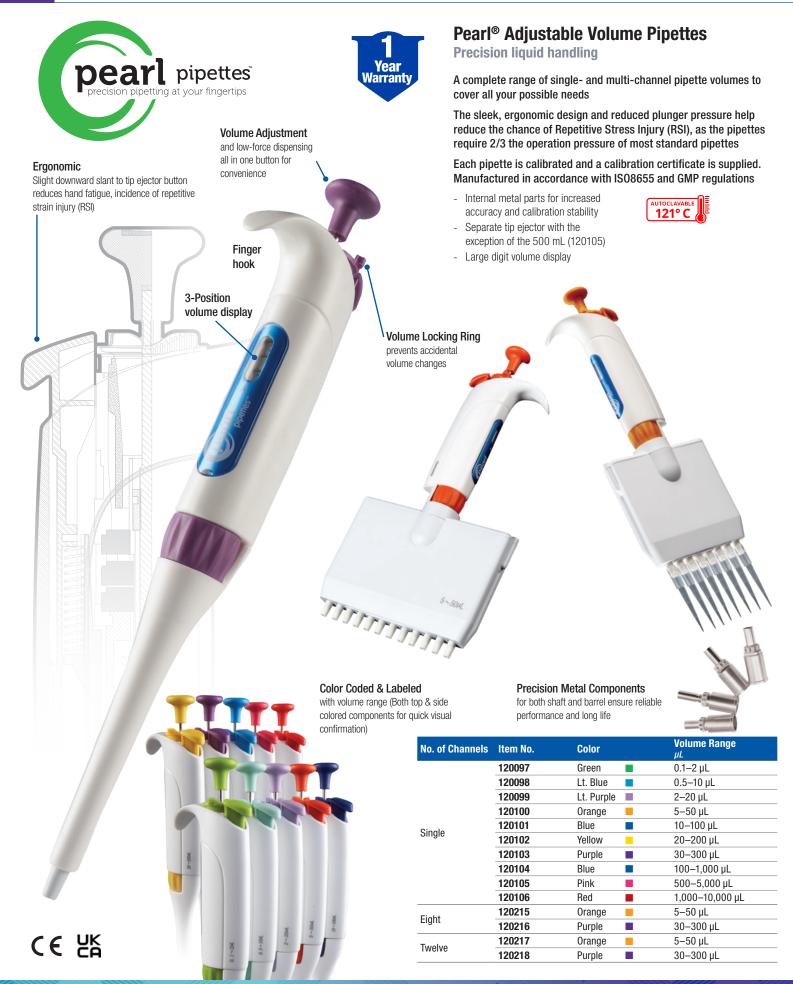
Nose cone assembly only

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

**Replacement Parts** 

Item No.	Description	Color
HS5000RFFIL	Replacement Filters, Pack of 5	
120604	Nose Cone with Adapter	Blue 🗖





## Pipette Starter Kit

## **Universal Carousel Pipette Stand**

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

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

#### **Reagent Reservoirs**

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

## **Pearl® Pipettes**

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

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

Each pipette calibrated and a calibration certificate is supplied

Manufactured in accordance with ISO8655 and GMP regulations

## Pipette Starter Kit Item No. 120554

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

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

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

\*All parts available separately



# ecount

### Rapid, accurate colony counter

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

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

#### Package Includes:

\_

- eCount Colony Counter \_
- -Black Sharpie<sup>®</sup> Pen (Page 26)
- \_ Long-life button battery included
- Hand tally Adapter
  - Weighted Stand



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

Item No.	LxW	L x W
	in	ст
120000	7.4 x 1.2*	17 x 3*
120228	CR1225 Battery	

\*Measurements shown are with Sharpie® Pen inserted





Weighted Stand for bench top use





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





## **Mini-Light Box and Mini-Magnifier**

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

Mini-Light Box



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

#### Mini-Magnifier

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

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



## **Hand Tally Counter**

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

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

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



## **Benchtop Counters**

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

- Each key records up to 999

- Blood cell key labels

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

ltem No.	No. of Keys	L x W x H in	L x W x H cm
1S5360A	6-Key	9.8 x 3 x 2.2	25 x 7.6 x 5.6
S5360B	9-Key	12.5 x 3 x 2.2	32 x 7.6 x 5.6

# **Workstation Essentials**

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



Lab Mats Notebooks & Timers Drying Racks Organization

## Curiosity drives us beyond yesterday's way of thinking:

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

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

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





## **Reusable Lab Mats**

Sustainable, Safe Solutions

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

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

#### Save Money & Eliminate Waste

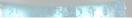
- Since the lab mats are reusable, they reduce cost and waste making it a more environmentally friendly option over the alternative paper mats

#### Adds Stability & Safety

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

#### Easy to Clean & Store

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



## **Workstation Lab Mat**

Safely facilitate workflow processes

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







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



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

## Silicone Lab Mat

Large working space

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

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



## Raised Edges enable liquid retention

Large Working Surface

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



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

## Laboratory Notebooks

Keep information safe and well organized with Laboratory Notebooks

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

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

Keep

Information Safe with a durable hardbound, water-resistant cover



Marker Ribbon to keep your place

No.	Color	Pages	Page Format.	L x W in	L x W cm	LABORATORY NOTEbook Gridded Notebook	2 Page Forma
8610A 8610B	Black  Blue		Grid	0.6 v 11.1		Lined Notebook Gridded Notebook	- Lineu. colleg
S8610D S8610E	Red <b>B</b> lack	200 100	Lined	8.6 x 11.1	21.8 x 28.1		for easy repo



## 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<sup>®</sup> is a registered trademark of Sanford, A Newell Rubbermaid Company

# Lab Alert<sup>®</sup> Clocks & Timers



## Pocket Timer/ Stopwatch/Clock

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



## **Triple Timer/Clock**

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



# 4-way Timer with Whiteboard/Pen

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

	ltem No.	No. of Channels	Timing Capacity	Count Direction	Display Digits, H mm	Battery Included	L x W x H in	L x W x H cm
а	HS24490D	Four	100 hr.	Up/Down	6	One LR44 1.5V	2.4 x 2.8 x 1	6.1 x 7.1 x 2.5
b	HS24490M	Three	20 hr.	Up/Down	10.5	One AAA	3.4 x 2.6 x 0.9	8.6 x 6.6 x 2.2
С	120365	Four	24 hr.	Up/Down	10	Two AAA	4.8 x 3.4 x 0.9	12.3 x 8.6 x 2.1
d	HS24780	Two	24 hr.	Up/Down	25.5	One AAA	5.6 x 3.8 x 0.8	14.2 x 9.7 x 2
е	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
f	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

e



## **Big-digit Dual Timer/Clock**

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



## Multi-function Stopwatch/Clock

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



f

## Four Channel Timer/Clock

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

b

## Lab Drying Rack

Bringing color to a mundane task

#### Most Versatile Rack in the market

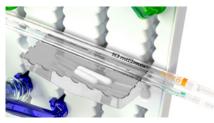
- Channels designed for more useful configurations
- Large and Small pegs for all glassware varieties
- One of a kind Drying Basket to collect smaller items

## 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



## Lab Drying Rack

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

#### **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



## Workstation Lab Mat

Keep glassware in place while drying

## Peg Racks

Perfect for drying small items

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

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





## Open tear drop wells allow for water to drain





Workstation Lab Mat, Page 25



## 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 indiviudally 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<sup>®</sup> box MagPette holds two pipettors (fits most popular styles) MagBox holds miscellaneous accessories



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

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

Kimwipes

\*Assorted colors: Teal, Green, Purple and Orange

## **Workspace Organization**

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

\*Princeton University Neuroscience Institute



## **Workstation Organizer**

Keeps supplies organized and easily accessible

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

- Protect fragile items and contain small items

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





Clear acrylic bins let you see your small items inventory

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

Item No.	Color	Compartments	L x W x H in	L x W x H cm
HS23401		1	7.2 x 7.6 x 9.1	18.4 x 19.4 x 23.2
HS23402	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<sup>®</sup> 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 in	L x W x H cm
HS23453	13 x 7.9 x 4.5	33 x 20 x 11.5



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



Workstation Storage Bin, Page 110



Pipette Workstation, Page 48



Modular Glove Box Holders, Page 111

## **Test Tube Baskets**

Ideal for washing and storing test tubes

Strong baskets for use with mechanical washers and autoclaves

- Baskets for use in washers, autoclaves or for storage of lab consumables
- Made from aluminum \_



Item No.	L x W x H in	L x W x H cm
HS20341A	6 x 6 x 6	15.2 x 15.2 x 15.2
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



# **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 77) and two disposable polystyrene inserts



Keeps contents clean and secure

## X-tourn<sup>®</sup> 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

Item No.

120108

120110

120111

Less abrasive than other brands \_

e than other brands				
Color	Packaging	L x W in	L x W cm	
Green	100/Bulk	18 x 1	45.7 x 2.5	
Orongo	250/Bulk	10 v 1	45 7 x 0 5	
Orange 📕	25 Rolls	— 18 x 1	45.7 x 2.5	



LXWXH ст

42 x 24 x 20.5

LXWXH

16.5 x 9.4 x 8

#### Tray Inserts folds out of the way for easy access,

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

US Patent No. D544703

Item No.	Tray Insert	Tube Rack	L x W x H in	L x W x H cm	Handle in	e Height cm
HS2200A	HS2201A	13	16.0 × 10.4 × 6.7	40.0 × 00 F × 17.0		00
HS2200B	HS2201B	16	— 16.8 x 10.4 x 6.7 42.9 x 26.5 x 17.2		11	28
Droplet Ins	erts					Pack of 4
Item No.	Description		LxW	LxW		1 ack 01 4
non no.	Description		in	cm		
HS2201A	Tray insert for 13 mm tube rack		14.0 × 0.0	36 x 21		
HS2201B	Tray insert for 1	16 mm tube rack	— 14.2 x 8.2	30 X Z I		

Side Pockets

**Ratcheting Handle** 

even over tall sharps containers

## **Droplet Lid**

Supply Drawer

**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

Color

White

Can be secured with cable ties for extra security \_

Stackable Item No.

HS2202

- No rubber proteins, resins or fatty acids

- Available in bulk or on a perforated roll

that can produce hypersensitive reactions





45.7 x 2.5

## H H

D ľ

**Droplet Configurations** 

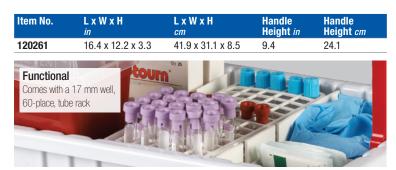
35

## **Blood Collection Tray**

## Light weight, heavy on organization

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

- Lightweight easy-to-clean ABS construction
- Customize the compartments to suit your requirements with the dividers provided
- Comfort grip on durable acetal plastic handle tested to hold up to 10 kg





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



Sharps Containers, Page 108



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

## **Totemax® Blood Collection Tray**

Keep off the floor, work top or bed

Unique phlebotomy tray design and patented hook feature allows the tray to be on or over most bed rails, foot-boards and handrails found in a typical patient room

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







to expedite loading and emptying



## **DuraPorter**®

**Specimen or Sample Transport Box** 

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

The Duraporter<sup>®</sup> transparent design helps comply with OSHA 29 CFR 1910.1031 and UN3373 compliant without having to re-label containers and enabling the user to visibly check sample integrity

- 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<sup>®</sup>
- 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		



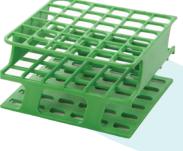


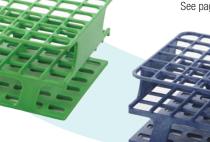




Extra Security Feature Accommodates lockout tags (not included)

A Perfect Fit **OneRack® Tube Rack** Accommodates 13 mm, 16 mm and 20 mm tubes with our Half and Full Size OneRack® See page 77





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

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

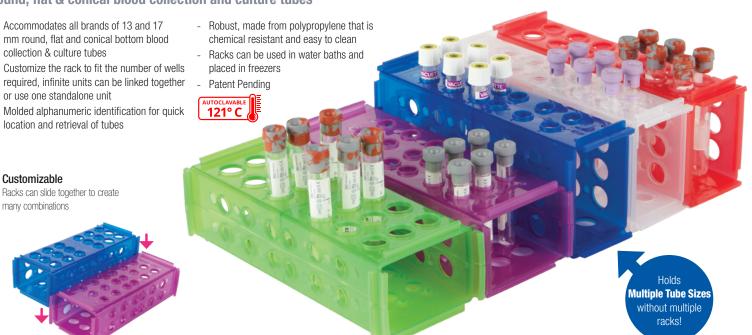


Portable Centrifuge Kit, Page 9

## **Clinical 4-Way Tube Rack**

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

- Accommodates all brands of 13 and 17 mm round, flat and conical bottom blood collection & culture tubes
- Customize the rack to fit the number of wells required, infinite units can be linked together or use one standalone unit
- Molded alphanumeric identification for quick \_ location and retrieval of tubes



US Patent	No. D900	)337			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)

## Mega Rack<sup>®</sup>

Customizable

many combinations

#### High-capacity storage for your tubes

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

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



#### Single-Size Rack

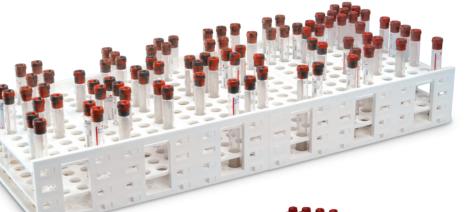
Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
HS24322A	Blue	- 5-7	216	13	13.3 x 9.3 x 3.6	33.7 x 23.5 x 9.1
HS24322E	White	5-7	210	15	13.3 X 3.3 X 3.0	55.7 X 25.5 X 9.1
HS24323A	Blue	— 10	120	16	13.3 x 10.5 x 3.6	33.7 x 26.7 x 9.1
HS24323E	White	- 10	120	10	13.3 X 10.3 X 3.0	

#### Double-Size Back

Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm
120112	White	— 5–7	432	13	26.5 x 9.3 x 3.5	67.3 x 23.5 x 9
120113	Blue	5-7	432	15	20.3 x 9.3 x 3.3	07.3 X 23.3 X 9
120114	White	— 10	240	16	26.5 x 10.5 x 3.5	67.3 x 26.7 x 9
120115	Blue	10	240	10	20.3 X 10.3 X 3.3	07.3 X 20.7 X 9

#### Individual Rack Specifications

B	Side	Wells	Well Dia.	L x W x H in	L x W x H cm
10 100	Α	12	13		
A	В	18	13	01,00,000	23.2 x 7.0 x 9.5
D	С	12	17	9.1 X 2.0 X 3.0	23.2 X 7.0 X 9.5
	D	18	17		





## **Clinical Tube Racks**

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





## **Droplet Corrugated Sample Storage Tray**

Affordable sample organization and storage

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

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

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



or transport of laboratory products





## **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 includ
- Stackable with other trays to sup 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

S	
led)	
oport	
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 \_





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

## **Sample Handling**

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

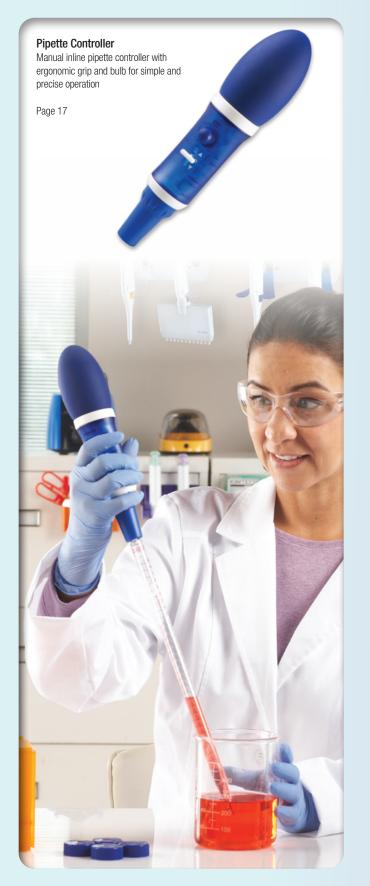


Pipettors, Racks & Accessories Reagent Reservoirs & Chillers Funnels & Lead Rings Weigh Boats, Dishes, Papers & Scoops Utensils: Spatulas, Forceps, Cell Spreaders, Loops & Picks

## High-quality Pipettors offering precision at your fingertips



## High-quality Pipettors offering precision at your fingertips



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

Page 18





## **Fillers and Bulbs**

## **1** Latex Dropper Bulbs

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

#### 2 Dropper Bulbs

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

#### **3** Rubber Bulbs

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

#### 4 Vacuum/Pressure Bulb

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

## **5** Safety Bulb Pipette Filler

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

## <sup>6</sup> 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

Pack of 72

Pack of 24

#### Latex Dropper Bulbs (Natural Rubber)

		citch cit i i	0.0.001/						
Item No.	Color		Volume mL	Length in	Length mm	Outer Diameter in	Outer Diameter	Hole Diameter in	Hole Diameter
HS20622A	Vellow		1	1.7	43	0.51	13	0.20	5
HS20622B	— Yellow		2	2.0	52	0.51	13	0.24	6

#### Dropper Vial Bulbs (Silicone Rubber)

Broppor than		1100001/						1 40/1 0/ 2
Item No.	Color	Volume mL	Length in	Length mm	Outer Diameter in	Outer Diameter	Hole Diameter	Hole Diameter
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	Hole Diameter	Hole Diameter
HS20630B		15	1.9	50	1.3	34	0.16	4
HS20630C	Dod -	30	2.6	66	1.8	46	0.24	6
HS20630D	— Red 📕	60	3.1	80	2.1	54	0.24	6
HS20630E		150	4.1	103	2.9	73	0.24	6

#### Vacuum/Pressure Bulb (Natural Rubber)

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

#### Safety Bulb Pipette Filler (Natural Rubber)

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

#### Pipette Filler (Natural Rubber)

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

C

b

45

# Transfer Pipettes a One-piece, unbreakable polyethylene plastic pipettes a Well-suited for blood banking, urinalysis, hematology, wet chemistry, microbiology, and serology a Bulk packed versions come in handy dispenser box a Sterile versions available single wrapped or 20 wrapped at a time

- Lot-to-lot traceability on sterile versions

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





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

22.9 x 40.8

$\supset$	Lower	Holder

Upper Holder

9 x 16.1

fHf

6.2

Item No.	Upper Holder Color		Quantity		Lower H Color	older	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 c	colors (Purple,	Blue, Green, G	rey, R	ed, Orang	ge, Yello	w and Clear)
Base Width	Top W in	хH	Base Widt	h	To ci	op W x	Н

15.8

## 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

## **Universal Pipette Holder**

#### Wall mounted storage solution

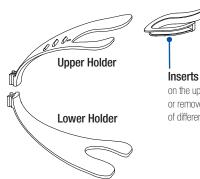
The pipette holder comes with two wall mounting brackets that each hold two pipettes

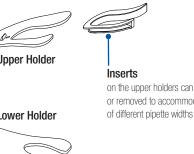
#### Secure

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

#### Adaptable

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





on the upper holders can be added or removed to accommodate the fit

							Patent Pending
Item No.	Lower Hole	der	Upper Ho	older	L x H in	L x H cm	
	2 Blue		2 Blue				
100575	2 Green		2 Green		- 		
120575	2 Clear		1 Purple		- 6.9 x 1.8	17.5 x 4.5	
			1 Yellow		-		



## **Clamp-ette® Pipette Holder**

Create an instant pipette holding point within your lab

#### Secures to tabletops, benches and shelves with a twist

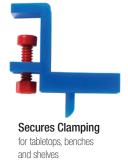
- Chemical-resistant polypropylene and fits most major pipette brands



#### Tri Clamp-ette®

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







## Flip & Grip<sup>®</sup> 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
- Rubber grips prevent scratching pipette
- Weighted base
- Holds most common brands
- Installation hardware included

				US Design Patent N	lo. D754,872 & D763,464
Item No.	Color	Bench Top Style W x H in	Bench Top Style W x H <i>cm</i>	Under Shelf Style W x H <i>in</i>	Under Shelf Style W x H 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	L x W x H in	L x W x H cm
HS234634	30	6.1 x 6.7 x 8.1	15.4 x 17.1 x 20.6



## **Pipette Stands**

**Convenient and safe storage** 

3-, 4-, and 6-Place Pipette Stands are designed to hold most major pipette brands

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

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

## **Cargo Pipette Rack**

Meets the need of any lab

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

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

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

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





## 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	201 v 0 0 v 40 1	
HS20613	Red		ABS	- 11.4 X 3.3 X 13.0	29.1 x 8.8 x 40.1	
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 Symmetrical cooler design preserve integrity for temperature sensitive reagents Allows reagent reservoirs to be mounted in either direction - 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 -Yea Stackable Varran Saves storage and work space Pack of 2 Item No. Color LxWxH LxWxH Volume тL ст Purple 120730 50 120731 Blue 6.1 x 2.9 x 1.7 15.5 x 7.4 x 4.2 120732 Assorted\* 120733 Purple 120734 100 6.2 x 9 x 1.7 15.7 x 9 x 4.2 Blue 120735 Assorted\* 50 mL 100 mL \*Assorted colors (Purple and Blue) **Reservoir Chiller Reservoir Chiller** 



## **Dual Solution Reservoir**

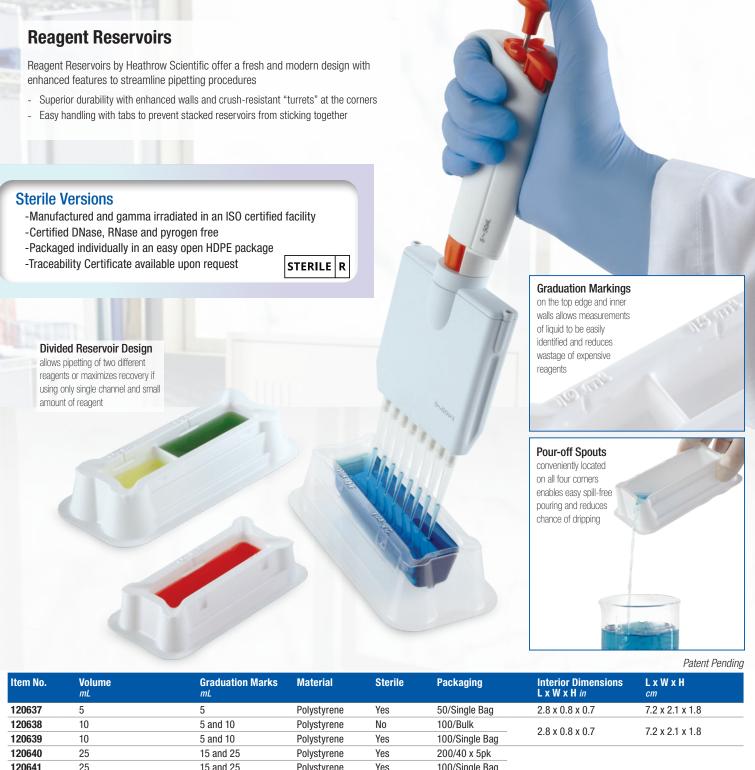
#### Innovative shape guides and protects pipette tips

## 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



			Pa	ack 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	



120037	5	5	Polystyrene	res	SU/Siligle bag	2.0 X U.0 X U.7	7.2 X 2.1 X 1.0		
120638	10	5 and 10	Polystyrene	No	100/Bulk	2.8 x 0.8 x 0.7	7.2 x 2.1 x 1.8		
120639	10	5 and 10	Polystyrene	Yes	100/Single Bag	2.0 X U.0 X U.7	1.2 X 2.1 X 1.0		
120640	25	15 and 25	Polystyrene	Yes	200/40 x 5pk				
120641	25	15 and 25	Polystyrene	Yes	100/Single Bag	4.4 x 0.9 x 1.1	11.3 x 2.4 x 2.7		
120642	25	15 and 25	Polystyrene	No	100/Bulk	4.4 X 0.9 X 1.1	11.3 X Z.4 X Z.7		
120884	25	15 and 25	Polystyrene	Yes	100/Single Bag				
120643	50	25 and 50	Polystyrene	Yes	200/40 x 5pk				
120644	50	25 and 50	Polystyrene	Yes	100/Single Bag				
120645	50	25 and 50	Polystyrene	No	100/Bulk	4.5 x 1.1 x 1.4	11.5 x 2.9 x 3.5		
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				
120648	100	50 and 100	Polystyrene	Yes	100/Single Bag	4.6 x 1.9 x 1.0	11.7 x 4.8 x 2.5		
120649	100	50 and 100	Polystyrene	No	100/Bulk	4.0 X 1.9 X 1.0	11.7 X 4.0 X 2.3		
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	4 A 1 A 0.0	10.2 X 2.3 X 2.1		



## 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

							Pad	ck of 25
Item No.	Capacity mL	Top Dia. in <sup>2</sup>	Top Dia. cm <sup>2</sup>	Bottom Dia.	Bottom Dia.	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	<b>ID</b> in	ID cm	OD in	OD cm	Weight g
HS8881A	С	- Blue 🔳	125-500	1.9	4.2	3	7.5	215
HS8882A	0	- Diue	125-500	1.9	4.8	3	7.7	210
HS8881B	С		250–1000	2	5.1	3.5	9	465
HS8882B	0	- Blue 🗖		2	5.1	3.5	9	490
HS8881C	С		500-2000	2.1	5.4	3.9	9.8	595
HS8882C	0	- Blue 🗖	500-2000	2.2	5.7	3.9	9.8	610
HS8881D	С		1000-4000	2.6	6.6	4.4	11.3	890
HS8882D	0	- Blue	1000-4000	2.8	7	4.5	11.5	935

\*Weights may vary by +/- 3%

## **Aluminum Weighing Boats & Dishes**

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

#### **Aluminum Weighing Boats**

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

#### Aluminum Weighing Dish

 Designed for moisture determination balances with slightly tapered walls for stacking



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

## 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



			Pack of 20
Item No.	Dia. x H in	Dia. x H mm	
120627	1 x 0.1	25 x 3.6	
	smart	Pans™ is a tradema	rk of LevGo Inc.

#### Weighing Papers Smooth surface for good sample

Smooth surface for good sample recovery

- Nitrogen-free
- Strong enough to support dense material





			Pack 01 500
Item No.	LxH	LxH	
	in	ст	
120116	3 x 3	7.6 x 7.6	
120117	4 x 4	10.2 x 10.2	
120118	6 x 6	15.2 x 15.2	

#### 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 staticaffected samples
- Wide flat bottoms ensure stability and prevent tipping \_
- \_ Rounded corners allow simple flexing for controlled pouring of liquid, powdered or granular samples
- Can be used with microwave moisture analyzers -
- Made from FDA food grade polystyrene \_



**Standard Weighing Boats** 





#### Sterile Standard Weighing Boat

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

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





**Square Weighing Boats** 

**Hexagonal Weighing Boats** 



**Diamond Weighing Boats** 

**Pour-boat Weighing Dishes** 

							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
	HS1420A	HS1420AA	White		IIIL		6111
	HS1421A	HS120222	Blue	Small	10	1.8 x 1.8 x .3	4.6 x 4.6 x .8
	HS1423A	HS1423AA	Black				
	HS1420B	HS1420BB	White				
Standard	HS1421B	HS120223	Blue	Medium	85	3.4 x 3.4 x .9	8.5 x 8.5 x 2.4
	HS1423B	HS1423BB	Black				
	HS1420C	HS1420CC	White				
	HS1421C	HS120224	Blue	Large	280	5.5 x 5.5 x .9	14 x 14 x 2.2
	HS1423C	HS1423CC	Black				
	_	HS14251A		Small	6	1.5 x 1 x .4	3.8 x 2.5 x .9
loverenel	_	HS14251B		Medium	46	2.5 x 2 x .7	6.4 x 5.1 x 1.9
lexagonal	_	HS14251C	— White 🗌	Large	194	4 x 3 x .9	10.2 x 7.6 x 2.2
	_	HS14251D		X-Large	364	5 x 3.5 x 1.2	12.7 x 8.9 x 3.1
	HS1419A	HS120225		Small	14	1.7 x 2.3 x .5	4.3 x 5.8 x 1.3
Pour-boat	HS1419B	HS120226	White	Medium	137	3.3 x 5.2 x 1	8.3 x 13.2 x 2.6
	HS1419C	HS120227		Large	259	4.3 x 7.2 x 1	10.8 x 18.3 x 2.6
Square	HS1422	—	White	Medium	51	3.5 x 3.5 x .3	9 x 9 x .7
	HS1424AA	HS1425AA	White 🗌	Small		2.1 x 1.3 x .2	5.3 x 3.3 x .6
	HS1427AA	HS1426AA	Black	Siliai	5	2.1 X 1.3 X .Z	0.3 X 3.3 X .0
	HS1424A	HS1425A	White	Medium	25	2.6 x 1.9 x .6	6.7 x 4.7 x 1.4
Diamond	HS1427A	HS1426A	Black	Weululli	23	2.0 X 1.9 X .0	0.7 X 4.7 X 1.4
Jamonu	HS1424B	HS1425B	White	Large	30	3.1 x 2.2 x .6	7.8 x 5.6 x 1.4
	HS1427B	HS1426B	Black	Larye	30	5.1 X 2.2 X .0	7.0 X 3.0 X 1.4
	HS1424C	HS1425C	White 🗌	X-Large	100	4.5 x 3.3 x 0.7	115 x 85 x 17
	HS1427C	HS1426C	Black	Λ-Laiye	100	T.J A J.J A U.I	113 × 03 × 17
							Pack of 200/40 x 5pk
Sterile Standa	ard —	120710	White	Medium	85	3.4 x 3.4 x .9	8.5 x 8.5 x 2.4



#### Functional in the Lab

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



#### smartBoats™

#### A truly green solution to sample weighing

## Made from FSC<sup>®</sup> Certified (FSC<sup>®</sup> 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	LxWxH	LxWxH		
				in	ст		
120312	Brown	- Small	Pack of 500	1.4 x 1.4 x 0.6	3.5 x 3.5 x 16		
120314	White	Sindli	F AUK UI 300	1.4 X 1.4 X 0.0	3.3 x 3.3 x 10		
120313	Brown	Modium	Pack of 500	1.9 x 1.9 x 0.6	10 1 0 1 1		
120315	White		Pack of 500	1.9 X 1.9 X 0.0	4.8 x 4.8 x 14		
120626	Brown	Lorgo	Dook of 050	2042041	0.5 × 0.5 × 0.5		
120195	White	– Large	Pack of 250	3.8 x 3.8 x 1	9.5 x 9.5 x 2.5		

smartBoats™ 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

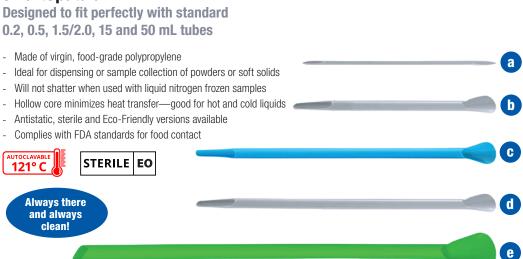








#### smartSpatula<sup>®</sup>





	Item No.	Description	Color	Suggested Tube mL	Packaging	L x W in	L x W cm	Spoon (Flare) in	Spoon (Flare)	Scoop/Pick L x W in	Scoop/Pick L x W mm	Taper
а	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	
С	120003	Standard	Blue		300/Bulk			9.8 x 5.5	25 x 14	11.8 x 1.2	30 x 3	
	120004	Standard	Opaque	15 and 1.5	300/Bulk	- 8.3 x .3	01 v 7					
d	120007	Std. Et0 Sterile	Opaque	15 8110 1.5	100/10 x 10pk	- 0.3 X .3	21 x .7					
	120625	Std. Et0 Sterile*	Opaque		100/10 x 10pk							
е	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.

Serrated Tips

## **Forceps**

Corrugated handles and serrated tips

- ABS plastic

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

Item No.	End Type	End L x W in	End L x W mm	Overall Length in	Overall Length cm	Finish
UC15006	Flat	1.2	30	6	15	Glazed
HS15906	Spoon	0.5 x 0.2	12 x 4	0	10	
104 5007	Round Flat	2 x 0.3	50 x 8	7.7	19.5	Mirror
HS15907	Tapered Flat	1.8 x 0.3	45 x 6.5	1.1	19.5	
HS15909	Flat	2	50	0.0	00 F	Mirror
п919909	Spoon	1.5 x 0.6	38 x 15	8.9	22.5	WIITO



## 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



121°

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!

	Diopit	in a 0036 n up:					
Item No.	Size	Point	Tip	Suggested Tube	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	olligic rip		1,000	2.0	0.4

smartPicks<sup>®</sup> is a trademark of LevGo Inc.

## **Inoculating Needle/Loops**

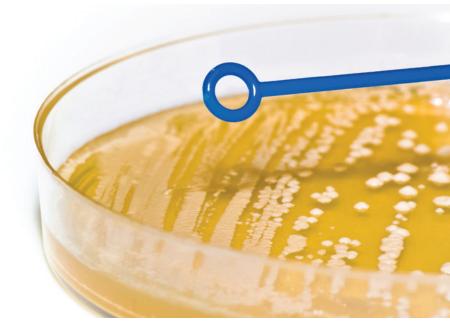
Combination provides choice to spread or pick colonies and cultures

## Transfer bacterial cultures without risk of contamination

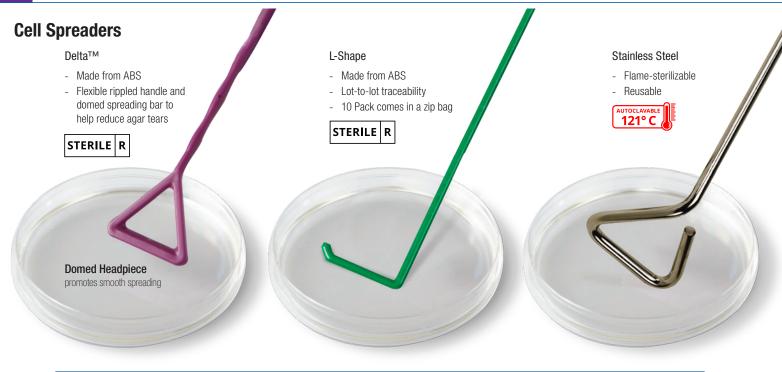
- Use loop end to uniformly streak a gel surface
- Use needle end for removal of colonies
- Choose between flexible polypropylene or the more rigid ABS versions
- Lot-to-lot traceability







Item No.	Color	Material	<b>Loop</b> μL	L x D in	L x D cm	Packaging 1,000 per Box	Sterile
HS81121A HS81121B	Blue	Flexible PP Rigid ABS	1	7.9 x .2	20 x .4	50 x 20pk	√
HS81121C HS81121D	Blue	Flexible PP Rigid ABS	10	7.9 x .2	20 x .4	50 x 20pk	✓



Item No.	Shape	L x W x H in	L x W x H cm	Packaging	Sterile
HS8151	Delta™	6.8 x 1.5 x .2	17.2 x 3.7 x .4	500/Single Wrap	$\checkmark$
HS8171A	L Chana	5.7 x 1.5 x .2	14.6 x 3.8 x .4	500/Single Wrap	$\checkmark$
HS8171B	—— L-Shape	0.7 X 1.0 X .2	14.0 X 3.0 X .4	500, 50 x 10 Pack	$\checkmark$
HS86655	Stainless Steel	8 x 1.3 x .2	20.3 x 3.3 x .4	1/Single Wrap	

## Need help counting cells?

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



Hand Tally Counter, Page 21

*eCount,* Page 20

Benchtop Counters, Page 21



- 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	



## **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



## C d a b

#### **Microcentrifuge Tubes**

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

## **Conical Centrifuge Tubes:**

15 and 50 mL (e-i)

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



**Conical Centrifuge Tubes** 





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

	Item No.	Color	Vol. mL	Outer Dimension	Closed Height	Graduations mL	Max RCF Rating	Packaging 500 per Case
е	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
~	HS4427B	Natural	50	29	114	5.0	9,500 x g	Bulk/20 x 25pk
y	HS4427R	Natural	50	29	114	5.0	9,500 x g	Rack/20 x 25pk
h	HS4429	Black	50	29	114	5.0	9,400 x g	Bulk/20 x 25pk
i	HS4427S	Natural	50	29 - skirted	114	5.0	9,500 x g	Bulk/20 x 25pk

500/Bulk

18,000 x g

0.5, 1, 1.5

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

47.1

	nic Vials e design saves s	space in your fre	ezer	Patented easy-grip facet	ed lid					
polypropyle - Silicone lid lid with erg	ene seal & patented -	Printed writing area a graduations Recommended for mechanical freezers a vapor phase LN <sub>2</sub> (-19	and	Internal Thr	read	1.8		1.8		
- Flush cap storage	saves space during			Writing Are & Graduatio			15		15	
						Sterile, non-py		<b>tificate</b> <sub>y</sub> totoxic, DNase/F	RNase-free vials	
						Patent No. D595,42				
Item No.	Color	Vol. mL	Packaging	Outer Dim. mm	Grad. mL	Closed Height				
HS23202A HS23202N	Assorted <b>Matural</b>	2.0	500/50 x 10pk	12	12	49				
				*Assorted co	lors: Blue, Re	ed, Green, Purple, Gre	ey .			

## **Explore our Tube Racks & Storage Products**

Largest and most innovative portfolio in the Industry

HS10060

Natural

2.0

13.3



Pop-Up Tube Racks, Page 76

Microtube Storage Boxes, Page 88

Cube Tube Rack, Page 70

## **Tube Racks & Storage**

Classic, adaptable, interlocking racks and everything in between



PCR & Microtube Adaptable & Multi-Tube Classic Single Racks

## We like to push boundries

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



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



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



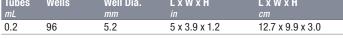
## PCR Tube Racks 96-Well

Perfect for pre- or post-PCR sampling

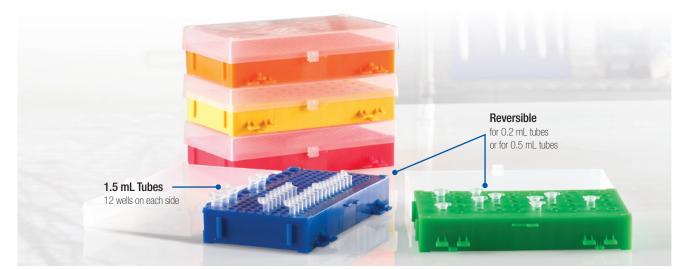
- Made of polypropylene
- Accommodates individual tubes or strips
- Removable hinged lid lies flat
- Alphanumeric identification for quick location and retrieval of tubes



	·				Pack of 5
Item No.	Color			Item No.	Color
HS23461	A Assorte	d* 🔳 🗖 🗖		HS23461C	Blue
HS23461	B Natural			HS23461D	Green
			*Assorted colors	(Blue, Green, Pink,	Yellow, Orange)
Tubes	Wells	Well Dia.	L x W x H	L x W x	Н







Item No.

HS2344A

Color

Tubes

тL

0.2

0.5

1.5/2.0

Wells

168

40

12

## **PCR Tube Racks Reversible**

**Removable hinged lid fits both sides** 

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



## Engineering, OEM & Industrial Design

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



Well Dia.

тт

5.5

7.6

11.4

Pack of 5

LxWxH

8.1 x 5.2 x 2.1

(20.6 x 13.1 x 5.3)

in (cm)

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



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	e, Green, Orange, Yello	JW)

all				
Tubes mL	Wells	Well Dia.	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



## **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

	<b>-</b>
AUTOCLAVABLE	ΠĒ
1210 C	
	5
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						Pack of E	Ì
Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm	
		1.0					
HS4284A	Blue	1.5	20	10	8.3 x 3.5 x 2	21.1 x 9 x 5	
		2.0	-				

	<u>_=</u>
AUTOCLAVABLE	
AUTOCLAVABLE	
4340 C	
	- N

				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, Ora	ange, Pink)

Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm	
1.5/2.0	06	11	9.6 x 4.7 x 2	04 4 × 10 × E 1	
0.5	— 96	7.6	9.0 X 4.7 X Z	24.4 x 12 x 5.1	

## Rota-Rack<sup>®</sup> Duo Tube Rack

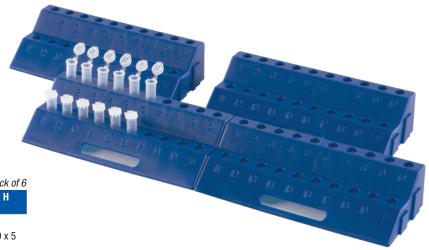
**Dilution and concentration studies made easy** 

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	
1210 C	
	<u></u>

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



## **Microtube Racks 80-Well**

Popular fraction-collector-plate style rack

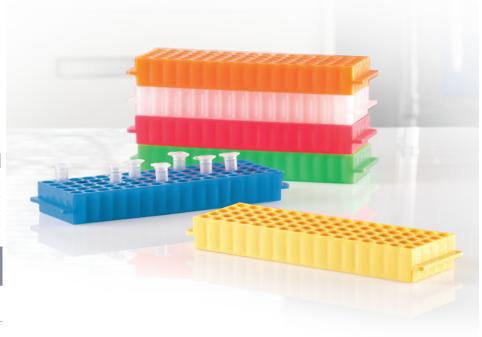
#### Compact 5x16 array makes filling and transfer easy

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



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

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





## **Storage Racks for 80-well Racks**

67

**Tube Racks & Storage** 

Strong, clear acrylic construction

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

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

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

## **Microtube Racks**

**Durable, Simple to Use** 

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



Item No.	Color	Tubes mL	Wells	Well Dia. mm	Packaging	L x W x H in	L x W x H cm
120241	— Blue	1.5/2.0	24	11 1	8	5.6 x 3.5 x 2	14.3 x 9 x 5.2
120243	Diue	1.5/2.0	96	- 11.1	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:



#### TracRack<sup>®</sup> Tube Rack

Take what you need and store the rest

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

#### **Convenient Rack System**

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

For more details and ordering information see page 87

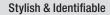
-	1	_	_			_			1
10	2A	зА	4A	5A	6A	7A	8A	9A	10.4
1E	2B	3B	4B	5B	68	7B	8B	9B	10B
10	2C	зс	4C	5C	6C	7C	8C	9C	10C
10	2D	ЗD	4D	5D	6D	7D	8D	9D	10D
1E	2E	3E	4E	5E	6E	7E	8E	9E	10E
1F	2F	ЗF	4F	5F	6F	7F	8F	9F	10F
16	2G	3G	4G	5G	6G	7G	8G	9G	10G
1H	2H	зн	4H	5H	6H	7H	8H	9H	10H
11	21	31	41	51	61	71	81	91	101
	2J	ЗJ	4J	5J	6J	7J	8J	9J	100

#### **Microtube Storage Boxes**

- Hold 1.5 and 2.0 mL microcentrifuge tubes and cryogenic vials







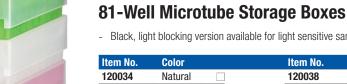
- Made of translucent, vibrantly colored polypropylene allows for visibility inside box and color coding identification
- Tube capacity is indicated on the outside the box within a distinctive wave design
- Quick visual identification with uniform wells and alphanumeric location identification along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

#### Robust

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

## **50-Well Microtube Storage Boxes**

			3	Pack of 5
Item No.	Color			
120032	Natural			
120033	Assorted*			
			*Assorted colors (Blue, Gree	en, 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



				5	_			
roion	مبرمار	bla	for	liabt		a.;+i.v.a	aamalaa	

ltem No.	Color		Item No.	Color	
120034	Natural		120038	Yellow	_
120035	Blue		120039	Orange	
120036	Green		120040	Assorted*	
120037	Pink		120041	Black	
			*Assorted colors (E	Blue, Green, Yello	w, Orange, Pink)
Tubes	Wells	Well Dia.	L x W x H	LxW	x H

TUDES	WGIIS	well Dia.			
mL		тт	in	ст	
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 3
Item No.	Color		Iten	n No.	Color
120042	Natural		120	202	Green
120043	Black		120	203	Yellow
120044	Assorted*		120	204	Orange 🛛
120201	Blue				
		*Assorted	l colors (Purple, Blue,	Green, Y	'ellow, Orange, Pink)
Tubes mL	Wells	Well Dia.	L x W x H in	L x cm	WxH
1.5/2.0	100	12.3	5.6 x 6 x 2.2	14.	1 x 15.1 x 5.7

Dools of F



## **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

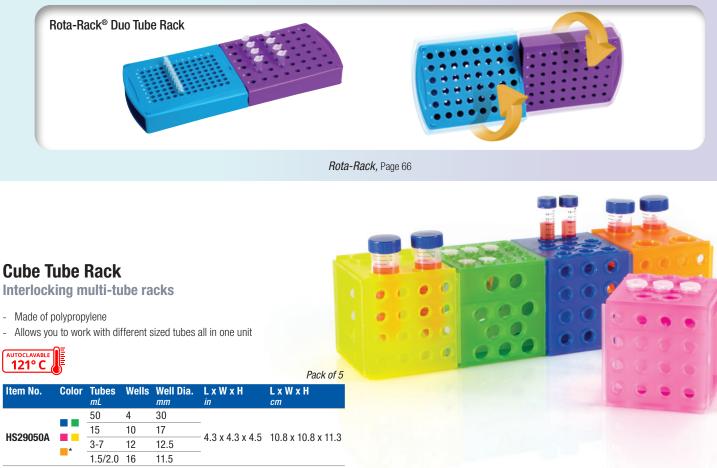
## AUTOCLAVABL

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Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm	
	Yellow	50	2	29		22.4 x 11 x 11	
HS29040A	Green	10–15	8	20	8.8 x 4.3 x 4.3		
N929040A	Blue	15–20	6	16	0.0 X 4.3 X 4.3		
	Purple	10–13	10	13.5			
	Yellow	15	6	16.4		21 x 10 x 10	
HS29040B	Green	1.5/2.0	9	11.2	8.2 x 3.9 x 3.9		
N929040D	Blue	0.5	12	8	0.2 X 3.9 X 3.9	21 X 10 X 10	
	Purple	0.2	32	6.5			



## Version available for PCR and Microtubes:



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

71



## **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



Item No.

#### LOW TEMP -80° C

Tubes

16

9

тm

18

31

тL

15

50



## **OneRack® Multi**

Color

HS23271A Purple

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



..... Angled position for

Two 10-13 mm Tube Racks Fits

5 mL, 7.5 mL, 10 mL Tubes

**Unique Well Design** Tear drop shape allows for better retention of tubes

#### Alphanumeric grid for quick sample identification and retrieval

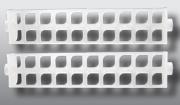
**Ergonomic handles** for ease of transporting the rack

Lower position is ideal height when working with shorter microcentrifuge tubes

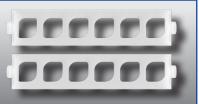


Included: 1 Base + 6 Tube **Rack Inserts** 

moi	re c	omf	orta	lble	pip	ettii	ng	



Two 13-17 mm Tube Racks Fits 5 mL, 15 mL Tubes



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

US Patent No. 9776188

#### **OneRack®** Multi

ltem 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/	13 mm 17 mm	20 20
120017		12.2 × 4.2 × 5	00.0 x 10.1 x 1.1	Diameter) –	30 mm	6
				6 (2 ea/	13 mm	20
120818	Purple/Natural 🔳 🗌	12.2 x 4.2 x 3	30.9 x 10.7 x 7.7	Diameter) –	17 mm	20
				Diameter)	30 mm	6

## Adapt-a-Rack® Adaptable Multi-tube Rack

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

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













e	

Pack of 2

120184Blue/GreenGreen/Blue120185Blue/YellowYellow/Blue120186Pink/WhiteWhite/Pink120187Blue/BlueBlue/Blue120188White/WhiteWhite/White120189Pink/PinkPink/Pink120190Yellow/YellowYellow/Yellow	Item No.	Rack #1 Color	Rack #2 Color	
120186       Pink/White       White/Pink         120187       Blue/Blue       Blue/Blue         120188       White/White       White/White         120189       Pink/Pink       Pink/Pink	120184	Blue/Green	Green/Blue	
120187     Blue/Blue     Blue/Blue       120188     White/White     White/White       120189     Pink/Pink     Pink/Pink	120185	Blue/Yellow	Yellow/Blue	
120188     White/White     White/White       120189     Pink/Pink     Pink/Pink	120186	Pink/White	White/Pink	
120189   Pink/Pink	120187	Blue/Blue	Blue/Blue	
	120188	White/White	White/White	
120190   Yellow/Yellow   Yellow/Yellow	120189	Pink/Pink	 Pink/Pink	
	120190	Yellow/Yellow	Yellow/Yellow	
120191 Green/Green Green/Green	120191	Green/Green	Green/Green	

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

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



Floating Tube & Microtube Racks, Page 83

## **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

- INDIGEU 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
HS23052	<b></b> *	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







One-Well	One-Well Friction-Fit Tube Rack							
Item No.	Color	Tubes mL	Wells	Well Dia.	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.	L x W x H in (cm)
HS24306		15	30	17	8.1 x 6.7 x 2.4
N324300	Orange 📕	50	20	28	(17.1 x 17 x 6.1)



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

## Universal Tube Rack

Ideal for holding a wide range of tubes

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

Fits

25 mL

Conical

Tubes

- Side handles for easy transport

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

14

13

12

13

12

## **Pop-Up Tube Racks**

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

#### Designed to save space!

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

				Pack of 2
Item No.	Color	Tubes mL	Wells	Well Dia. mm
HS24320B	Blue	15. 50	01 10	17 20
HS24320P	Pink 📃	15, 50	21, 12	17, 30
HS24318	Purple	15	45	17
HS24319	Green	50	18	30
L x W x H (Expanded) in	L x W x H (Collapsed) in	L x W x H (Expanded) cm	,	L x W x H (Collapsed) cm
10 x 5.4 x 2.8	10 x 5.4 x 0.8	25.5 x 13.7 x	7.2	25.5 x 13.7 x 2.1

#### Save Space

Rack easily "Pops" open for easy use









## Fold and Snap Tube Rack

Economical durable rack

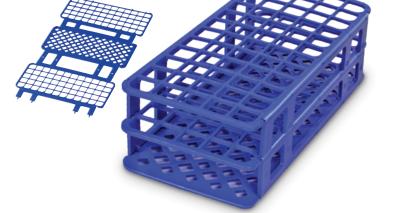
- Polypropylene racks ship flat in one piece
- Easy-to-assemble, just fold and snap Color code for easy identification together
- Stable design can be used in water baths





- Open design allows samples to be

60-Well



Easy to assemble Just fold and snap together!

Item No.	Color		Tubes mL	Wells	Well Dia. mm	L x W x H in	L x W x H cm	
HS243073B	Blue							
HS243073W	White		- 5–10	90	13	9.6 x 4.1 x 2.4	24.5 x 10.5 x 6.3	
HS243073R	Red		- 5-10	90	15	9.0 X 4.1 X 2.4	24.5 X 10.5 X 0.5	
HS243073Y	Yellow		_					
HS243077B	Blue							
HS243077W	White		- 	5–15 60	16	9.6 x 4.2 x 2.8	04 5 × 10 0 × 7 0	
HS243077R	Red		- 5-15				24.5 x 10.8 x 7.2	
HS243077Y	Yellow		_					
HS243071B	Blue							
HS243071W	White		5–30	10	20	9.8 x 4.2 x 2.8 24.8	04 0 × 10 0 × 7 0	
HS243071R	Red			40			24.9 x 10.8 x 7.2	
HS243071Y	Yellow							

40-Well

77



## **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

- Flat labeling area for easier identification

#### Intuitive Design

- Unique tear drop shaped openings offer better retention of tubes
  - Stable design for use with water baths
- Molded in coordinates for tube orientation

#### Available in two materials:

#### Fiberglass-Reinforced Polyoxymethylene (POM)

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

#### Polypropylene

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

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

OneRack® Item No.	Color	-	Tubes	Wells	Well Dia.	LxWxH
item no.	COIOr		mL	wens	mm	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					(10.4 x 10.4 x 5.9)
120398	Yellow		_			
HS27502A	White		_			
HS27502B	Blue			36	16	5 x 5 x 2.7
HS27502C	Green		5–10			
HS27502D	Magenta					(12.7 x 12.7 x 7)
120399	Yellow		-			
HS27503A	White					
HS27503B	Blue		10–18	20	20	4 x 5 x 3.2
HS27503C	Green		10-10	20	20	(10 x 12.7 x 8.3)
HS27503D	Magenta					
HS27504A	White					
HS27504B	Blue		- 10–18	16	25	4.7 x 4.8 x 3.6
HS27504C	Green		10-10	10	20	(12 x 12.2 x 9.2)
HS27504D	Magenta		-			
HS27505A	White					
HS27505B	Blue		-15–50	0	30	4.3 x 4.3 x 3.3
HS27505C	Green		10-00	9		(11 x 11 x 8.5)
HS27505D	Magenta		-			

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#### OneRack<sup>®</sup> Full-Size Polypropylene

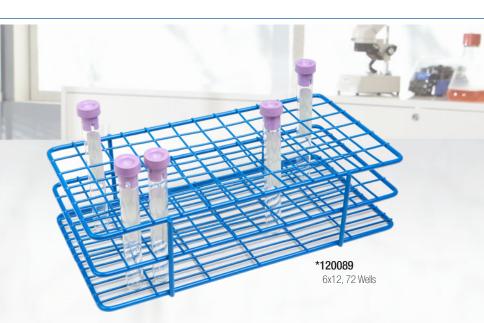
Item No.	Color	Tubes mL	Wells	Well Dia. mm	L x W x H in (cm)
HS27551A	White				
HS27551B	Blue	- 5–10	70	13	7.9 x 4 x 5.9
HS27551C	Green	5-10	12	15	(20.2 x 10.4 x 5.9)
HS27551D	Magenta	-			
HS27552A	White				
HS27552B	Blue	- 5–10	70	10	9.8 x 5 x 2.7
HS27552C	Green	5-10	12	16	(25 x 12.7 x 7)
HS27552D	Magenta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

## **Coated Wire Racks**

**Chemically resistant HDPE Coated Wire Racks** 

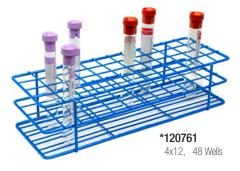
- Holds all brands and types of conical, round or flat bottom, glass or plastic, tubes and/or bottles
- Square wells and three deck levels help keep tubes secure





#### Fits 10-13 mm Tubes

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



#### Fits 13-16 mm Tubes

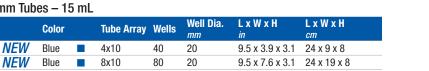
Item No.		Color	Tube Array	Wells	Well Dia.	L x W x H in	L x W x H cm
120760	NEW	Blue	4x10	40	16	7.9 x 3.3 x 2.4	20 x 8.3 x 5.9
120761*	NEW	Blue	4x12	48	16	9.4 x 3.3 x 2.4	23.7 x 12.7 x 5.9
HS23072		Blue	6x12	72	16	9.5 x 5 x 2.6	24.1 x 18.8 x 6.5
120763	NEW	Blue	9x12	108	16	9.3 x 5 x 2.6	23.7 x 12.7 x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

120764

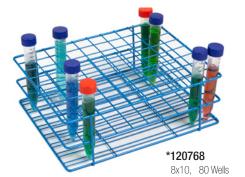
120765

Item No.	Color	Tube Array	Wells	Well Dia.	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 mn	n Tubes – 15 m	L				
Item No.	Color	Tube Array		Well Dia.	LxWxH	LxWxH





\***HS23215** 3x5, 15 Wells



#### Fits 20-24 mm Tubes

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

## **Coated Wire Racks**

**Chemically resistant HDPE Coated Wire Racks** 



#### Fits 25-30 mm Tubes - 50 mL

Item No.		Color	Tube Array	Wells	Well Dia.	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	NEW	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*	NEW	Blue	3x8	24	40	14.1 x 5.5 x 3.9	35.7 x 13.9 x 9.8
120772	NEW	Blue	6x8	48	40	14 x 10.6 x 3.8	35 x 26 x 9.8





#### Fits 23-25 mm Bottles - Bijou Bottles

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

#### Fits 30-33 mm Bottles - Universal & McCartney Bottles

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





#### Fits 55-58 mm Bottles - Urine Containers

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

#### Fits 55-60 mm Bottles - Centrifuge Bottles

Item No.	Color	Tube Array	Wells	Well Dia. 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



## Mega Rack®

High-capacity storage for your tubes

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

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

## AUTOCLAVABLE

#### Single-Size Rack

Item No.	Color	Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm
HS24322A	Blue	- 5-7	216	13	12.2 × 0.2 × 2.6	33.7 x 23.5 x 9.1
HS24322E	White	— 5—7	210	13	13.3 x 9.3 x 3.6	33.7 X 23.3 X 9.1
HS24323A	Blue	10	100	16	12.2 × 0.2 × 2.6	33.7 x 26.7 x 9.1
HS24323E	White	— 10	120	16	13.3 x 9.3 x 3.6	33.1 X 20.7 X 9.1

#### **Double-Size Rack**

Item No.	Color	Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm
120112	White	- 5-7	432	13	26.5 x 9.3 x 3.1	67.3 x 23.5 x 9
120113	Blue	- 5-7	432	13	20.3 X 9.3 X 3.1	07.3 X 23.3 X 9
120114	White	— 10	240	16	26.5 x 10.5 x 3.5	67.3 x 26.7 x 9
120115	Blue	- 10	240	10	20.3 X 10.3 X 3.3	07.3 X 20.7 X 9



## **Peg Tube Racks**

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

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

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





/	Unique tear drop well design	
	all according to a literative state of the s	

allows for better retention of tubes

						Pack of 2
Item No.	Color	Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm
HS24311A	White	10	50	14–17	7.4 x 4.1 x 2.7	18.8 x 10.4 x 6.9
HS24311B	Blue	10	50	14-17	7.4 X 4.1 X 2.7	10.0 X 10.4 X 0.9
HS24312A	White	7	06	10–13	3.2 x 5 x 2.7	8.2 x 12.6 x 6.9
HS24312B	Blue	1	96	10-13	3.2 X 3 X 2.7	0.2 X 12.0 X 0.9

## View our complete line of Freezer Storage Boxes



# **Cold Products & Storage**

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



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



Close-fit lid keeps evaporation to a minimum and features a comfortable recessed knob
 Precise pour spout and large handles
 Currier
 Currier

			inters	In	СШ
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 76



OneRack® Tube Rack, Page 77

## Floating Microtube Rack For use on bench and in ice and

For use on bench and in ice and water baths

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

(	<b>D</b> =	
AUTOCLAVABLE		LOW TEMP
121° C	Ę	0° C

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



						PACK OF 5
Item No.	Color	Tubes mL	Wells	Well Dia.	L x W x H	L x W x H cm
HS2165A	Green		4	29	6.4 x 5.3 x 2.5	
	Green	50	4	29	0.4 X 0.3 X 2.0	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.



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

Alphanumeric Well Identification for quick location and retrieval of tubes



Vented Lid enables faster cooling of samples while in freezer

## PCR Cooler, 96-Well

Ice-Free Cooling System for PCR Preparation and Storage

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

#### **Consistent & Reliable**

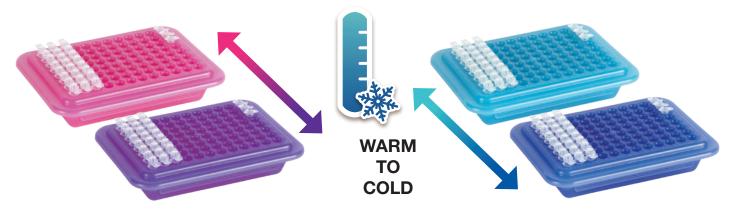
- Modern design cools faster in freezers and stays cold longer on the bench top
- Maintains the entire 96-Well plate at a temperature of 0 °C for over an hour
- Maintains sample temperature of less than 5°C for up to three hours (with lid off)
- When the temperature ceiling of 6°C has been exceeded,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



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



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



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

Item No.	Warm Cold	or	Cold Color	Wells	Tube Sizes mL	L x W x H in	L x W x H cm
120727	Pink		Purple		0.0		
120728	Light Blue		Dark Blue	96	0.2	4.3 x 5.8 x 1.9	11 x 14.8 x 4.8
120729	Assorted*				Assay Plates		

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

Pack of 2

## Need to keep your reagents cool while working?

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



Reservoir Chiller, Page 50



## **Mini Coolers**

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

#### Ideal for keeping samples or reagents cool during testing

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









Options 3 x 4

8 x 12 4 x 8

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

## Work 2 Store® **Expanding Storage Box**

Single rack, double function

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

#### **Efficient Handling**

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

#### Safe and Stackable Storage

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

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

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



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

## TracRack<sup>®</sup> 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

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

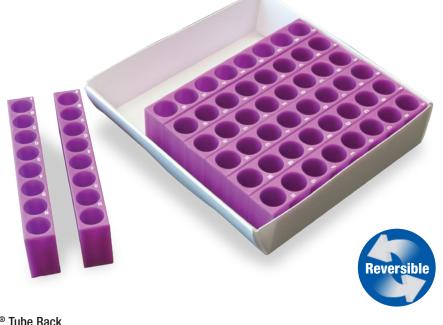
## TracRack<sup>®</sup> Outer Box

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

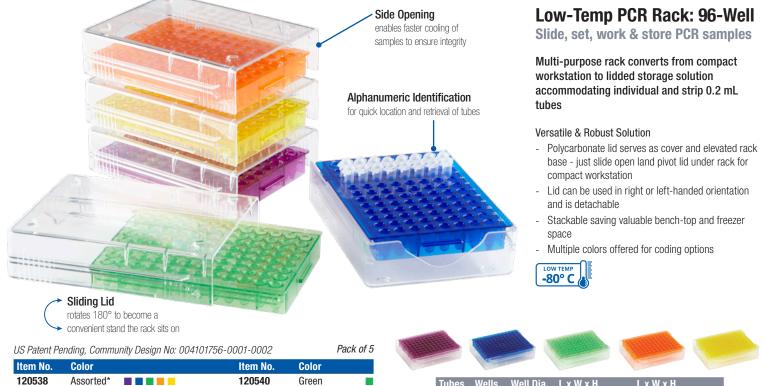
120539

Blue

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



TracRack <sup>®</sup> Tube Rack									
Item No.	Color		Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm		
120356	Purple		1.5/2.0	64	12.3	5.1 x 5.1 x 1.4	12.9 x 12.9 x 3.5		



	120541		Pur	ple	
*Assorted colors	(Purple, I	Blue,	Green,	Orange,	Yellow)

	1 million		Magnasan -	C. Marine	
Tubes mL	Wells	Well Dia.	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	

88

									-
10	2A	ЗA	4A	5A	6A	7A	8A	9A	10.4
1E	2B	3B	4B	58	68	7B	8B	9B	10B
10	2C	зC	4C	5C	6C	7C	8C	9C	10C
10	2D	3D	4D	5D	6D	7D	8D	9D	10D
1E	2E	3E	4E	5E	6E	7E	8E	9E	10E
1F	2F	ЗF	4F	5F	6F	7F	8F	9F	10F
16	2G	3G	4G	5G	6G	7G	8G	9G	10G
1H	2H	ЗН	4H	5H	6H	7H	8H	9H	10H
11	21	31	41	51	61	71	81	91	101
	2J	ЗJ	4J	5J	6J	7J	8J	9J	105

#### Alphanumeric Identification for quick location and retrieval of tubes



- Hold 1.5 and 2.0 mL microcentrifuge tubes and cryogenic vials





#### Stylish & Identifiable

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

#### Robust

Easy open and secure lid fitted with either friction fit or snap clasp designs

Pack of 5

Pack of 5

- Stackable, saving valuable space in the lab

## **50-Well Microtube Storage Boxes**

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



## **81-Well Microtube Storage Boxes**

- Black, light blocking version available for light sensitive samples

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

## **100-Well Microtube Storage Boxes**

- Black, light blocking version available for light sensitive samples

, 0	0	0	i.	Pac	k 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	Wells	Well Dia.	L x W x H	L x W x H
mL		mm	in	cm
1.5/2.0	100	12.3	5.6 x 6 x 2.2	14.1 x 15.1 x 5.7



Fill with ice

and use as a temporary low temperature workstation

## Transformer Cube Tube Rack

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

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

-80° C



						Pack of 5
Item No.	Color	Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm
UC00071A	Durplo	15	16	18	— 4.9 x 4.9 x 5	12.5 x 12.5 x 12.9
HS23271A	Purpie	50	9	31	4.9 X 4.9 X 3	12.3 X 12.3 X 12.9



## **Foam Tube Racks**

High storage, minimal footprint

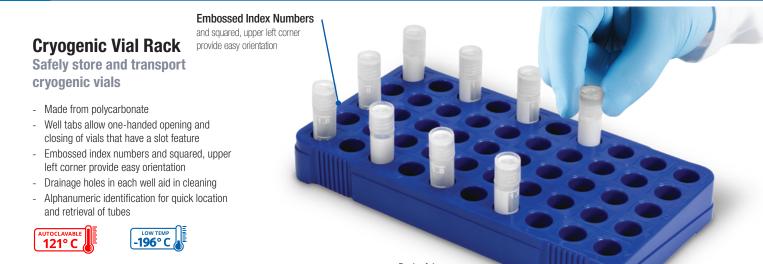
- Two-piece racks are constructed of expanded polystyrene (EPS) foam
- Lightweight microtube racks are ideal for long-term studies or tube storage
- Extra spacing between wells allows for easy gripping with fingertips
- Racks stack securely with nesting features on lid and base
- Must use tubes capable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

LOW TEMP		Ξ.
		Ξ
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	1	0

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

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





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

Ribbed Grips make handling with gloves easier

## **Cryogenic Vial Canes**

Organize cryogenic samples in dewars

## Aluminum canes hold vials for freezer storage or immersion in $LN_2$ dewars

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

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

## **PVC Cryogenic Cane Sleeves**

For extra security and sample safety

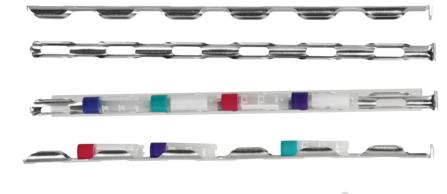
## Clear plastic sleeves protect vials in aluminum canes during handling and storage

- Safe for cryogenic freezing

-0=

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

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







## Don't miss our line of Cryogenic Vials

Our innovative flush design saves space in your freezer

91

## **Cryogenic Vial Boxes & Partitions**

For storage of small samples and tubes

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



#### Cardboard Cryogenic Vial Boxes

Cardboard	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								
HS2860CB	Blue		1 5/0 0	FOVEOVO	10.0 × 10.0 × 5				
HS2860CR	Red		— 1.5/2.0	5.2 x 5.2 x 2	13.3 x 13.3 x 5				
HS2860CY	Yellow								



Partitions	Partitions m	Pack of 12		
Item No.	Array	Tubes mL	Wells	Well Dia.
HS2860E	10 x 10	1.5/2.0	100	11.5
HS2860H	9 x 9	1.5/2.0	81	12
HS2860F	8 x 8	1.5/2.0	64	15
HS2860G	7 x 7	1.5/2.0	49	17.5

## **Microtube Storage Boxes**

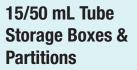
Safe microtube storage

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

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



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



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



### Cardboard Tube Storage Box & Lid

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

## **Cryogenic Vial Tube Storage Box**

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



Pack of 10



						Case of 200
Item No.	Color	Tubes mL	Wells	Well Dia. 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



Color

White

White

White

Blue

White

Blue

White

Item No.

120379

120383

120262

120376

120387

120388

120428

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

Tubes

тL

0.2

0.5

5

Vial

1.5/2.0

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

Wells

144

81

81

25

100

LOW TEMP -80° C

LxWxH

5.2 x 5.1 x 1.2

5.2 x 5.1 x 1.6

5.2 x 5.1 x 2

5.2 x 5.1 x 2.9

7.4 x 7.8 x 1.6

in

Well Dia.

тт

7.9

12

12

22.6

17

Pack of 10

LxWxH

13.3 x 13 x 3

13.3 x 13 x 4.2

13.3 x 13 x 5.1

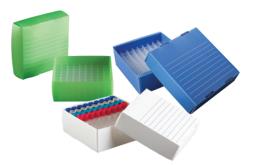
13.3 x 13 x 7.5

18.8 x 19.8 x 4.1

ст







Corrugated Polypropylene 15 mL and 50 mL									
Item No.	Color		Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm		
120391	White		15	26		5.8 x 5.7 x 4.7	14.7 x 14.5 x 12		
120392	Blue		— 15	36	19.8	J.O X J./ X 4./	14.7 X 14.3 X 12		
120366	White		— 50	16	31.6	5.8 x 5.7 x 4.7	14.7 x 14.5 x 12		
120367	Blue		- 50	10	31.0	J.0 X J.7 X 4.7	14.7 X 14.3 X 12		

Thin Polyp	ropylene fi	lm 1.5–	-2.0 mL	196° C			Pack of 1
Item No.	Color		Tubes mL	Wells	Well Dia.	L x W x H in	L x W x H cm
120370	White						
120371	Blue		1.5/2.0	81	12.1	5 x 4.9 x 1.9	12.5 x 12.4 x 4.9
120372	Lt. Green						

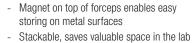


## Arctic Squares<sup>®</sup> Polycarbonate Cryostorage Boxes

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
- AUTOCLAVABL LOW TEMP







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	$\checkmark$
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	$\checkmark$

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

## **Arctic Squares<sup>®</sup> 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 91 Transformer Cube Tube Rack, Page 72

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

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

Locking Rod

easy use

#### **Chest Freezer Racks**

Item No.	Config.	Box Size in	Box Size cm	L x W x H in	L x W x H cm
HS2862DA	5 x 1			5.5 x 5.5 x 16	14.1 x 14.1 x 40.6
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

ltem No.	Config.	Box Size in	Box Size cm	L x W x H in	L x W x H cm
HS2862HA	4 x 3			16.4 x 5.5 x 8.9	41.8 x 14.1 x 22.5
HS2862H	4 x 4	2	5.3	21.8 x 5.5 x 8.9	55.6 x 14.1 x 22.5
HS2862HE	5 x 3	2	5.5	16.4 x 5.5 x 11	41.8 x 14.1 x 28
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
HS2862KA	3 x 3			16.4 x 5.5 x 8.9	41.8 x 14.1 x 22.6
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



HS2862H Shown with our 81-Well Microtube Storage Boxes, Page 88 HS2862AB Shown with our 81-Well Microtube Storage Boxes, Page 88

#### Upright Freezer Rack Configurations



4)	(3		4)	۷4

5)	(3		5 x 4		



## **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



## **100-Place Premium Plus Slide Box**

Modern design for maximum functionality

#### **Optimal Organization**

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

#### **Functional Design**

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

#### Safe & Secure

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

100-Place Premium Plus Slide Box							
Item No.	Color	Item No.	Color				
120576	Blue	120579	Red				
120577	Orange 📕	120592	Purple				
120578	Green	120593	Assorted*				
		*Accortad a	alam (Durala Dhua C	man Rad Orangal			

\*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 Invent	Pack of 10		
Item No.	L x H in	L x H cm	
120618	8.5 x 11	21.6 x 28	

## **Premium Microscope Slide Boxes**

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

#### **Organize & Identify**

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

#### Durable & Safe

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

## **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				
HS15989B	Green	Cork	Friction Fit	5.6 x 3.5 x 1.4	14.1 x 8.8 x 3.5
HS15989C	Red	GUIK			
HS15989E	White				
HS15989M	Blue				
HS15989P	Red	Foam	Friction Fit	5.6 x 3.5 x 1.4	14.1 x 8.8 x 3.5
HS15989R	White				

#### **50-Place Slide Box**

Thumb-latch lock mechanism



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

**100-Place Slide Box** 

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



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

## **100-Place Tall Slide Box**

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

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



## Storage Rack for Microscope Slide Boxes

Create a file system for 50-Place and 100-Place slide boxes

#### Storage rack makes organization of samples easy

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

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

## **Standard Microscope Slide Boxes**

Constructed of durable polypropylene



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

#### Improved Identification

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

#### Secure & Stackable

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

#### 25-Place Slide Box

Item No.	Color		Lining	Lock	L x W x H in (cm)
HS15990A	Blue		None		5.6 x 3.6 x 1.2
HS15990B	Red		None	Latch Lock	
HS15990C	White				(14.1 x 9.2 x 3)
100740	25-Place Replacement Inventory Card, Pack of 10				5.3 x 3.1
120740	20-110	ce Replac	ement inventory	Garu, Pack of TO	(13.4 x 8)

#### 100-Place Slide Box

Item No.	Color	Lining	Lock	L x W x H in (cm)
HS15991A	Blue	None		8.3 x 6.7 x 1.5
HS15991B	Red	None	Latch Lock	
HS15991C	White			(21 x 16.9 x 3.7)
120741	100-Place	e Replacement Inver	3.9 x 6.1	
120741	100-Flace	e neplacement inver	itory Garu, Fack of TO	(10 x 15.5)

## Low Temperature Microscope Slide Boxes

Store in ultra-low temperatures with confidence



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

#### **Durable Construction**

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

#### **Durable Construction**

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



#### Low Temperature Microscope Slide Boxes

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





## **Slide Tray Clasps**

Effortlessly locate, retrieve and keep slide folders organized

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

Cardboard slide 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 Trag	y 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	2.2 X 1.7 X 0.0	J.0 X 4.4 X 1.0	
		**		

\*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	Packaging	L x W x H in	L x W x H mm
HS9903	Natural	1-Place	25	3.7 x 1.7 x 0.2	95 x 42 x 5
HS9904	Natural	2-Place	36	4.1 x 3.1 x 0.2	103 x 79 x 5
120557	Natural	4-Place	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	Packaging	L x W x H in	L x W x H mm
120556	Natural	1-Place	50	3.3 x 1.6 x 0.2	83 x 41 x 5
HS15983B	Natural				
HS15983A	Assorted*	2-Place	25	3.7 x 2.7 x 0.2	93 x 68 x 5

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

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

- Variety of colors brings some fun to the lab and enables color coding

1-Place

**Plastic 5-Place Slide Mailers** 

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

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

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

- Inside wall features slotted channels to keep
- Polypropylene containers hold five standard \_ slides (76 x 26 mm and 3 x 1 in)
- slides separated and to make removal easier - Lid closes securely to keep slides safe

Side Opening HS15982

**End Opening** HS15986

2-Place

## **Slide Holders**

Hold slides during evaluation, cleaning and drying

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

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

## **Slide Staining Tray Set**

Reduce possible cross-contamination and messy work areas

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

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





LxWxH

30.5 x 12.7 x 3

# Safety Products & Dispensers

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



Wash Bottles Biohazard Containment PPE Dispensers & Holders

## Wash Bottles Color-Coded

#### **Color-coded for easy identification**

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

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

closure

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

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



## Create a safer working surface with our reusable Silicone Lab Mats

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



## Wash Bottles Safety Labeled and Self Venting

Clear and informative product safety information

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

There is also the option of using other liquids within the bottles and creating the appropriate safety information on the outside of the bottle by using the self-labeling versions

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

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

Pack of 6

Item No.	Cap/Lid Color Description		Capacity	
120250	Red		Acetone	
120251	Clear		Distilled Water	
120252	Yellow	-	Isopropanol	
120253	White		Ethanol	500 ml
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	L x W x H
	in	тт
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 114



## **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	<b>ID</b> in	ID cm	OD in	OD cm	Weight g
HS8881A	С		125–500	1.9	4.2	3	7.5	215
HS8882A	0	- Blue 🗖		1.9	4.8	3	7.7	210
HS8881B	С	Diug -	250-1000	2	5.1	3.5	9	465
HS8882B	0	Blue	250-1000	2	5.1	3.5	9	490
HS8881C	С		500–2000	2.1	5.4	3.9	9.8	595
HS8882C	0	Blue		2.2	5.7	3.9	9.8	610
HS8881D	С	Dhua	1000-4000	2.6	6.6	4.4	11.3	890
HS8882D	0	Blue 🗖		2.8	7	4.5	11.5	935

\*Weights may vary by +/- 3%

## **Biohazard Disposal Bags**

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

- Polypropylene
- A range of biohazard collection bags printed with biohazard warning symbol and precautions in English, Spanish and French

#### - Includes an indicator patch that darkens when autoclaved



#### **Biohazard Disposal Bags**

Item No.	Color	Thickness mil	Capacity	Packaging	L x W in	L x W cm
HS10320			2 L	500	8 x 12	20.3 x 30.5
HS10321	Ded	1.6	9 L	200	14 x 19	35.6 x 48.3
HS10322	– Red 📕	1.0	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		
	*//-/-/	*/ Jala - B'ala D'ana Dan 1/010000		

\*Holds Biohazard Disposal Bag HS10320

items



## **Autoclavable Disposal Bags**

Clear bags imprinted with blue biohazard labeling designed for safe disposal

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

  - 4 inner packs of 50 bags

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Epoxy Coated HDPE Wire Holder

Case of 200

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

## **Sharps Containers**

Easy to use and transport

- Clearly labeled with the Biohazard warning on one side
- Provides safe disposal of syringes, needles and other small sharps
- -Stackable to reduce storage space before use
- 1 L Capacity (quart) with a clear lid to view fill level
- Slide access lid provides temporary and final closures for safety and security
- Built-in needle removal port, prevents direct contact with sharps
- Compatible with the Droplet blood collection tray, Totemax® and blood collection tray, Pages 34 and 35

Item No.	Color	L x W x H in	L x W x H cm
120177	Red 📕	- 4.5 x 4.5 x 7.5	11.5 x 11.5 x 19.2
120178	Yellow	- 4.0 x 4.0 X 7.0	11.0 X 11.0 X 19.2



# **PPE Dispensers & Holders**

### **Soft Cover Dispenser**

Store and dispense with ease

Translucent acrylic dispensers provide easy access to safety accessories

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



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



# **Earplug Dispenser**

Translucent acrylic dispensers provide easy access to safety accessories

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



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

### 3-in-1 Dispenser

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

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

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

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

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



# **Safety Glasses Dispensers**

Ergonomically angled for easy dispensing

# Translucent acrylic dispensers provide easy access to safety accessories

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

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



# **PPE Dispensers & Holders**

# **Workstation Storage Bin**

The essential combination accessory holder

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

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

Kimwipes® is a registered trademark of Kimberly-Clark





Lab Wipe Holders Holds Kimwipes® and other major brands

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

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

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

Kimwipes® is a registered trademark of Kimberly-Clark

# **Benchtop Dispensing Bins**

Work great with gloved hands, bright colors

Ergonomically designed with large, angled openings and oversized lip

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

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



# **Clear Acrylic Glove Box Holders**

Keep gloves organized & ready for immediate use

- Free up bench-top space by mounting holders on wall for easy dispensing of gloves
- Universal fit for most major brands of glove boxes
- Mounting screws included
- Includes a polyester foam insert to securely hold a range of glove box sizes-snug fit ensures easy removal of gloves from the box

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





# HDPE Coated Wire Glove Box Holders

Keep gloves organized & ready for immediate use

- HDPE-coated steel wire racks are an economical solution
- Free up bench-top space by mounting holders on wall for easy dispensing of gloves
- Universal fit for most major brands of glove boxes
- Mounting screws included

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

#### Modular Glove Box Holders

Available infused with Microban® for anti-microbial protection

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

\_ High-impact, durable resin is resistant to harsh cleaning solutions

\_

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

			US Patent No.	6669157	Pack of 3
Item No.	Description	Color	L x W x H in	L x W x cm	H
120258	Standard	White	— 10 x 6.1 x 3.8	05 4 v 1	5.6 x 9.7
HS23491A	Anti-microbial	Blue	10 x 0.1 x 3.0	20.4 X I	5.0 X 9.7

Microban<sup>®</sup> Microban<sup>®</sup> 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.





# 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

Item No.	Color	L x W x D in	L x W x D cm
120107	White	22.3 x 5.3 x 1.8	56.5 x 13.3 x 4.6

# **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





Item No.	Power Supply		L x W X H in	L x W X H cm
HS28270	220-230 VAC, UK	<u> </u>		
HS28271	220-230 VAC, Cont. Europe/Israel	$\langle \cdot \cdot \rangle$	17.6 x 3.4 x 6.5	44.6 x 8.6 x 16.6
HS28272	110-120 VAC, US/Taiwan/Japan	11		
HS28280	Replacement Part Kit			

# Parafilm<sup>®</sup> M Sealing Film

# Protect the integrity of your laboratory and research applications

# Parafilm<sup>®</sup> 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 Wi	Film Width		th	
		in	ст	ft	т	
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	R	eplacement	Blades for Box Top Dispe	nser, Pack of 3

Parafilm<sup>®</sup> M is a registered trademark of Amcor Limited





# ABS Dispenser for Parafilm® M Sealing Film

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

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

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

Item No.

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

Parafilm<sup>®</sup> M is a registered trademark of Amcor Limited Tough-Tags<sup>®</sup> is a registered trademark of Diversified Biotech

# Acrylic Dispenser for Parafilm® M Sealing Film

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

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

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



# **PetriSEAL<sup>™</sup> and ContainerSEAL<sup>™</sup>**

Sealing tape for petri dishes, microplates, lids and caps

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

#### PetriSEAL™

Item No.	Color	Film Width in	ст	Roll Length ft	т
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 in	ст	Roll Length ft	т
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<sup>TM</sup> and ContainerSeal<sup>TM</sup> 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 mm	ness Roll Width in cm		Roll Length ft m		
HS23534A	0.015	4	10.2	500	152.4	
HS23536A	0.015	6	15.3	500	152.4	

# Cryo-Babies<sup>®</sup> and Cryo-Tags<sup>®</sup> box temperature Labels box 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



Omia Dabiase an a Dall



ldeal Use	0.5 mL Tubes	1.5 mL Tubes	General Purpose
	LABEL	LABEL	LABEL
Label Dimensions	0.94 x 0.50 in (24 x 13 mm)	1.28 x 0.50 in (33 x 13 mm)	1.50 x 0.75 in (38 x 19 mm)
UOM	1,000/roll	1,000/roll	1,000/roll
item No.			
White	HEACRY-0500	HEACRY-1000	HEACRY-2000
Blue	-	HEACRY-1000-B	HEACRY-2000-B
Green	-	HEACRY-1000-G	HEACRY-2000-G
Orange	-	HEACRY-1000-0	HEACRY-2000-0
Red	- HEACRY-1000-R HEACRY-2000-R		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<sup>®</sup> and Cryo-Tags<sup>®</sup> Low Temperature Labels

For secure uncompromised labeling

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





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

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

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

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

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

Cryo-Babies<sup>®</sup> and Cryo-Tags<sup>®</sup> are registered trademarks of Diversified Biotech. Inc

# Tough-Spots<sup>®</sup> 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

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



#### Laser Tough-Spots® on Sheets formatted for laser printers

- Label sheets are top coated and heat-resistant

to prevent jams in laser printers - Printer formatting instruction included

ldeal Use	0.2 mL Tubes	0.5 mL Tubes	1.5/2.0 mL Tubes	1.5/2.0 mL Tubes	15-50 mL Tubes
	$\begin{array}{c} 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 &$				
Label Diameter	0.375 in/9.5 mm	0.375 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	-	HEASP0T-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<sup>®</sup> Tube Labels Pre-cut labels for identification

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



#### Tough-Tags® on a Roll

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

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



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-2240-0	HEATTLW-2016-0	HEATTLW-1050-0	HEAMISL-1000-0
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

# **Label Station**

#### Organize your labels for easy accessibility

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

Just drop the box in the label station and feed the paper through the slot

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

Item No.	Color	L x W x H in	L x W x H mm
HS23460	Blue	11 x 4.7 x 3.5	28 x 12 x 8.9
		Tough-Tags <sup>®</sup> , C.	ryo-Babies® and Tough-Spots®

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

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

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

# **Charts & References**



Plastic Material References Product Number Index Product Alpha Index

# **Plastic Material References**

#### **Chemical Resistance of Plastics**

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

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

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

	LD	PE	HD	PE	Р	Ρ	PN (TF	/IP PX)	P	VC	P	C	ABS	S/PS	S/	۸N	PM	MA	РТ	FE	PC	M
TEMPERATURE °C	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50	20	50
Acetaldehyde	G	Р	G	F	F	Р	F	Р	Р	Р	F	Р	Р	Р	Р	Р	Р	Р	G	G	G	G
Acetic Acid (Glacial)	F	Р	G	G	G	F	F	F	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	Р	Р
Acetic Anhydride	Р	Р	F	F	F	F	G	F	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	Р	Р
Acetone	F	Р	Р	Р	F	Р	G	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	G	G
Ammonium Chloride (10%)	G	G	G	G	G	G	G	G	G	F	F	F	G	G	G	G	F	F	G	G		
Ammonium Hydroxide (30%)	G	G	G	G	G	G	G	G	G	Р	Р	F	F	F	F	F	F	F	G	G	G	G
Amyl Acetate	F	Р	G	F	F	Р	G	F	Р	Р	Р	Р	Р	Р	Р	Р	G	G	G	G	G	G
Aniline (Phenylamine)	G	F	G	G	G	G	G	F	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	F	F
Aqua Regia	Р	P	Р	Р	P	P	P	P	Р	P	P	P	Р	Р	F	P	P	P	G	G	G	G
Benzaldehyde	G	F	F	P	P	F	G	F	P	P	P	P	P	Р	P	P	P	P	G	G	G	G
Benzene Denzeis Asid	P	P	P	P	P	Р	P	P	P	Р	P	Р	Р	Р	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	0	0
Boric Acid (10%)	G	G	G	G	G	G	G	G F	G	G	G	G	G P	G P	G	G	G	G	G G	G G	G G	G
Butyl Acetate Butyric Acid (Butanoic acid)	Р	Р	F	г Р	Р	Р	г Р	Г	G G	P	P	P	P	P	P	P	P	P	G	G	G	Г
Calcium Hydroxide (Saturated)	G		G	G		G	G	G	G		P	P	F	F			F	P	G	G	G	G
Carbon Disulphide	P	G	P	P	G	P	P	P	P	G	P	P	Р	P	G P	G	P	P	G	G	G	G
Carbon Tetrachloride	F	P	F	P	F	P	P	г Р	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	P	F	F	P	P	P	P	P	P	F	P	P	P	P	Р	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	Р	F	Р	F	Р	F	F	Р	Р	F	Р	Р	Р	Р	Р	Р	Р	G	G	G	G
Dichlorobenzene	F	Р	F	Р	F	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	Р	Р
Diethyl Ether	Р	Р	F	Р	F	Р	Р	Р	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	G	G
Diethylene Glycol	G	G	G	G	G	G	G	G	F	Р	F	F	G	G	G	G	Р	Р	G	G	G	G
Dimethyl Formamide (DMF)	G	G	G	G	G	G	G	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	G	G
Dimethyl Sulfoxide (DMSO)	G	G	G	G	G	G	G	G	Р	Р	Р	Р		F	Р	Р	Р	Р	G	G		
Dioxane	F	F	F	F	Р	Р	F	F	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	F	F
Ethyl Acetate (Ethyl Ester)	G	G	G	G	F	Р	F	Р	Р	Р	Р	Р	F	Р	Р	Р	Р	Р	G	G		
Ethyl Alcohol (Absolute Ethanol)	G	F	G	G	G	G	G	F	G	G	G	F	G	F	Р	Р	Р	Р	G	G	G	G
Ethyl Chloride (Chloroethane)	F	Р	Р	Р	F	Р	F	Р	Р	Р	Р	Р	F	Р	Р	Р	Р	Р	G	G		
Ethylene Chloride	F	Р	Р	Р	F	Р	F	Р	Р	Р	P	Р	F	Р	Р	Р	Р	Р	G	G	Р	Р
Ethylene Oxide (Pure)	F	F	F	F	F	Р	F	P	P	Р	F	P	Р	Р	P	P	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	G	•	
Formaldehyde (Formalin) 40%	G	F	G	F	G	G	G	G	G	G	G	G	F	F	F	Р	G	F	G	G	G	G
Formic Acid (50%)	F	F	G	G	G	F	G	G	G	P P	F	F	F	F	G	F			G	G G	D	Р
Formic Acid (100%)			G	G	G	F	G	G	G								C	C	G		P	
Glycerine (Glycerol) Hexane	G	G P	G F	G	G	G	G	G P	G G	G P	G	G P	G P	G P	G	G G	G G	G	G	G G	F G	F
Hydrobromic Acid (69%)	G	G	G	F	G	F	G	G	G	G	F	F	F	F	F	F	P	Р	G	G	P	P
Hydrochloric Acid (5%)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	F		G	G	P	P
Hydrochloric Acid (35%)	G	G	G	G	G	F	G	F	G	G	F	P	G	G	G	F	P	Р	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	F	G	G	G	G	G	F	G	G	F	P	G	G	G	P
Lactic Acid (85%)	G	G	G	G	G	F	G	F	G	F	G	F	G	G	G	G	G	G	G	G	G	P
Methyl Acetate	G	Р	G	G	G	F	F	Р	Р	Р	Р	Р	Р	Р	Р	Р		-	G	G		
Methyl Alcohol (Methanol)	G	F	G	G	G	G	G	F	G	G	F	F	F	F	Р	Р	Р	Р	G	G	G	G
Methyl Ethyl Ketone (Butanone)	Р	Р	Р	Р	G	G	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G		
Methylene Chloride (Dichloro Methane)	Р	Р	G	Р	G	Р	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	Р	Р
Mineral Oil	F	G	G	G	G	F	G	F	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Nitric Acid (10%)	G	G	F	F	F	F	F	F	F	G	G	F	F	G	F	F	G		G	G	Р	Р
Nitric Acid (70%)	G	Р	G	Р	Р	Р	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	Р	Р
Nitrobenzene	Р	Р	Р	Р	Р	Р	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	F	Р
Oxalic Acid (10%)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Perchloric Acid (70%)	F	Р	F	Р	F	Р	F	Р	F	Р	Р	Р	F	F	F	F	G	G	F	F	Р	Р
Phenol (100%)	Р	Р	Р	Р	Р	Р	G	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р	G	G	Р	Р
Phosphoric Acid (85%)	G	Р	G	G	G	F	G	F	G	F	G	F	G	F	G	G	F	Р	G	G	G	Р

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

# **Physical Properties of Plastics**

	LDPE	HDPE	РР	PMP (TPX)	PC	PS	РММА	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 - Radiation—gamma irradiation at 25 kGy (2.5 MRad) with unstabilized plastic. cause deterioration at autoclaving temperatures unless removed with distilled water beforehand.

- Dry heat (160°C, 120 minutes)

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

Gas-Ethylene Oxide, formaldehyde, hydrogen peroxide.

# Product Page Index by Item No.

120000	20	120115	38,81	120261	35	120568	9	120727	65,87
120003	56	120116	.53	120262	92	120569	.9	120728	65,87
120004	56	120117	53	120265	114	120570	9	120729	65,87
120005	56	120118	53	120312	55	120575	46	120730	.50
120006	56	120148	8	120313	55	120576	98	120731	50
120007		120155		120314		120577	.98	120732	
120008	.56	120172	.40	120315		120578	.98	120733	
120010		120177		120316		120579		120734	
120011		120178		120318	13	120581	.6	120735	
120012		120184	73	120327	13	120582		120738	
120015	6,7	120185		120328	13	120584	10	120739	
120018		120186	_73	120329	13	120585		120740	
120021		120187		120330	13	120592		120741	
120024		120188		120331		120593		120747	
120026		120189		120332	13	120595	11	120748	
120032		120190	73	120333	13	120598		120758	
120033		120191		120356		120599		120759	
120034		120195		120365		120604		120760	
120035	.69,88	120196	101	120366		120610	.8	120761	
120036		120197	101	120367		120611		120762	114
120037		120201		120370		120617		120763	
120038		120202		120371		120618		120764	
120039		120203		120372		120622		120765	
120040		120204		120375	40	120623		120766	
120041		120205		120376		120624	6	120767	
120042		120206		120379		120625		120768	
120043		120207		120383		120626		120769	
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