

freezer racking to ice containers

compatible with most major brands



true north[®]
cryo

freezer racks

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

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

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

chest freezer racks

part no.	config.	box size	l x w x h	
HS2862AB	7 x 1	2 in (5.3 cm)	5.5 x 5.5 x 15.3 in	(14 x 14.1 x 39 cm)
HS2862A	10 x 1	2 in (5.3 cm)	5.5 x 5.5 x 22 in	(14 x 14.1 x 55.7 cm)
HS2862AC	11 x 1	2 in (5.3 cm)	5.5 x 5.5 x 24.1 in	(14 x 14.1 x 61.3 cm)
HS2862AD	12 x 1	2 in (5.3 cm)	5.5 x 5.5 x 26.3 in	(14 x 14.1 x 66.9 cm)
HS2862AE	13 x 1	2 in (5.3 cm)	5.5 x 5.5 x 28.5 in	(14 x 14.1 x 72.4 cm)
HS2862DA	5 x 1	3 in (7.6 cm)	5.5 x 5.5 x 16 in	(14 x 14.1 x 40.6 cm)
HS2862D	8 x 1	3 in (7.6 cm)	5.5 x 5.5 x 25.5 in	(14 x 14.1 x 64.9 cm)
HS2862DB	9 x 1	3 in (7.6 cm)	5.5 x 5.5 x 29 in	(14 x 14.1 x 73 cm)

upright freezer racks 2 inch boxes

part no.	config	box size	l x w x h	
HS2862HA	4 x 3	2 in (5.3 cm)	16.4 x 5.5 x 8.9 in	(41.8 x 14 x 22.5 cm)
HS2862H	4 x 4	2 in (5.3 cm)	21.8 x 5.5 x 8.9 in	(55.6 x 14 x 22.5 cm)
HS2862HD	4 x 5	2 in (5.3 cm)	27.3 x 5.5 x 8.9 in	(69.5 x 14 x 22.5 cm)
HS2862HE	5 x 3	2 in (5.3 cm)	16.4 x 5.5 x 11 in	(41.8 x 14 x 28 cm)
HS2862HB	5 x 4	2 in (5.3 cm)	22 x 5.5 x 11 in	(55.6 x 14 x 28 cm)
HS2862HC	7 x 4	2 in (5.3 cm)	22 x 5.5 x 15.4 in	(55.6 x 14 x 39.2 cm)

upright freezer racks 3 inch boxes

part no.	config	box size	l x w x h	
HS2862KA	3 x 3	3 in (7.6 cm)	16.4 x 5.5 x 8.9 in	(41.8 x 1.40 x 2.45 cm)
HS2862K	3 x 4	3 in (7.6 cm)	22 x 5.5 x 8.9 in	(55.6 x 1.40 x 2.45 cm)
HS2862KB	4 x 4	3 in (7.6 cm)	22 x 5.5 x 12.8 in	(55.6 x 1.40 x 3.26 cm)
HS2862KC	5 x 4	3 in (7.6 cm)	22 x 5.5 x 16 in	(55.6 x 1.40 x 4.07 cm)

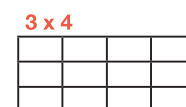
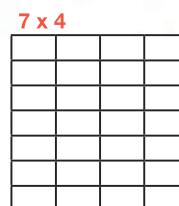
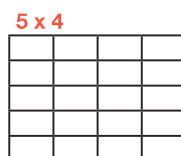
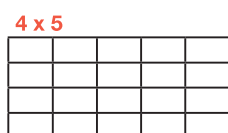
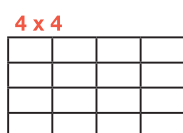
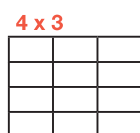
SEE PAGE
29-35
for storage
boxes



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



upright freezer rack configurations



assay plate freezer rack

assay plate and PCR® rack storage in upright freezers

constructed of corrosion-resistant stainless steel with 16 (4 x 4) rack spaces

rack includes 3 wire handles and 4 vertical locking rods

suggested applications: (not included)

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

part no.	config.	opening l x w x h
HS28624	4 x 4	5.3 x 4.4 x 2.2 in (13.5 x 11.1 x 5.6 cm)
		overall l x w x h
		21.3 x 4.4 x 9 in (54.3 x 11.2 x 23 cm)



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



SEE PAGE 21 for 96-well PCR® racks



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

arctic squares® freezer rack

innovative horizontal drawer system for upright freezers

- constructed of corrosion-resistant stainless steel with four drawers to hold 16 boxes
- drawers feature a unique stop, that when fully extended pivot down allowing for easy box access
- steel drawer handles provide a user-friendly grip
- freezer rack also includes a pull-out wire handle for easy removal off the freezer shelf
- holds box height up to 53 mm
- compatible with most standard 2 in (5.3 cm) freezer storage boxes

part no.	capacity	shelves	l x w x h
HS2864	16 Boxes	4	5.4 x 22.4 x 9.3 in (13.9 x 57.1 x 23.8 cm)

SEE PAGES 31, 64, 67, and 68 for storage of arctic squares® cryostorage boxes, and standard boxes up to 5.2 x 5.2 x 2 in (13.3 x 13.3 x 5.3 cm) in



pivot drawer down for easy access



cube freezer rack - upright

for 15 and 50 mL tube box storage

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

part no.	config.	opening l x w x h	
		6 x 6.1 x 5.2 in	(15.2 x 15.7 x 13.4 cm)
HS28622	2 x 3	overall l x w x h	
		18 x 6.2 x 10.6 in	(45.9 x 15.9 x 27.1 cm)



SEE PAGE 29
for our 5 inch
polypropylene
freezer boxes



SEE PAGES 33 and
67 for transformable
cube rack

**cube freezer rack - chest**

for 15 and 50 mL tube box storage

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

part no.	config.	opening l x w x h	
		6 x 6.1 x 5.2 in	(15.2 x 15.7 x 13.4 cm)
HS28621	4 x 1	overall l x w x h	
		6 x 6.1 x 21.2 in	(15.4 x 15.7 x 53.9 cm)



SEE PAGES 30 and 64
for our cardboard
tube storage box and
partitions

slide box freezer rack

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

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

part no.	config	opening l x w x h	
		7.08 x 8.3 x 2.8 in	(18 x 21.2 x 7.3 cm)
HS28623	3 x 3	overall l x w x h	
		21.29 x 8.5 x 8.7 in	(54.1 x 21.7 x 22.1 cm)



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



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



SEE PAGES 68
and 58
holds 9 each/1
per compartment
50-well foam
tube rack





cardboard tube racks and partitions

a low-cost way to organize your tubes!

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

SEE PAGE 9

for our selection of tubes and microtubes

part no.	description	wells	tubes	wells dia.	l x w x h	pkg.	color
HS2860M	box and lid	—	15 & 50 mL	—	5.7 x 5.7 x 4.8 in (14.5 x 14.5 x 12.2 cm)	10/pk	white <input type="checkbox"/>
HS2860T	partitions	36	15 mL	17.5 mm		10/pk	white <input type="checkbox"/>
HS2860P	partitions	16	50 mL	29.5 mm		10/pk	white <input type="checkbox"/>

partitions must be ordered separately

cardboard micro tube boxes

safe micro tube storage

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

- dividers included with the boxes
- store in mechanical freezers or vapor phase LN₂*
- will fit into most standard freezer racking



part no.	tubes	wells	wells dia.	l x w x h	pkg.	color
HS120220	0.2 mL	169	9.5 mm	5.2 x 5.2 x 1.1 in (13.3 x 13.3 x 2.9 cm)	10/pk	white <input type="checkbox"/>
HS120221	0.5 mL	100	12 mm	5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 4.1 cm)	10/pk	white <input type="checkbox"/>

*must use tubes capable of being stored at low temperatures



cardboard cryogenic vial boxes and partitions

for storage of small samples and tubes

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

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

part no.	description	tubes	wells	wells dia.	l x w x h	pkg.	color
HS2860A	vial box and lid	1.5/2.0 mL	—	—	5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm)	12/pk	white <input type="checkbox"/>
HS2860B	vial box and lid	1.5/2.0 mL	—	—	5.2 x 5.2 x 3 in (13.3 x 13.3 x 7.5 cm)	12/pk	white <input type="checkbox"/>
HS2860C	vial box and lid	1.5/2.0 mL	—	—	5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm)	12/pk	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> *
HS2860CB	vial box and lid	1.5/2.0 mL	—	—	5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm)	12/pk	blue <input type="checkbox"/>
HS2860CR	vial box and lid	1.5/2.0 mL	—	—	5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm)	12/pk	red <input type="checkbox"/>
HS2860CY	vial box and lid	1.5/2.0 mL	—	—	5.2 x 5.2 x 2 in (13.3 x 13.3 x 5 cm)	12/pk	yellow <input type="checkbox"/>
HS2860E	partition (10 x 10)	1.5/2.0 mL	100	11.5 mm	—	12/pk	
HS2860H	partition (9 x 9)	1.5/2.0 mL	81	12 mm	—	12/pk	
HS2860F	partition (8 x 8)	1.5/2.0 mL	64	15 mm	—	12/pk	
HS2860G	partition (7 x 7)	1.5/2.0 mL	49	17.5 mm	—	12/pk	

*assorted colors (red, blue, yellow)

partitions must be ordered separately



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

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



NEW true north®

freezer boxes

reusable, economical and moisture resistant plastic

- made from polypropylene material
- easy self-assemble boxes shipped flat-packed
- more durable than card boxes as they are not susceptible to moisture
- significantly reduces the chance of mold
- dividers included with the boxes
- store down to temperatures of -80°C

corrugated polypropylene 0.2/0.5/1.5-2.0/5 mL

part no.	tube	wells	well dia.	l x w x h	pkg.	color	
HS120379	0.2 mL	144	7.9 mm	5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm)	10/pk	natural	□
HS120380	0.2 mL	144	7.9 mm	5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm)	10/pk	blue	■
HS120381	0.2 mL	144	7.9 mm	5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm)	10/pk	red	■
HS120382	0.2 mL	144	7.9 mm	5.2 x 5.1 x 1.2 in (13.3 x 13.0 x 3.0 cm)	10/pk	purple	■
HS120383	0.5 mL	81	12 mm	5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm)	10/pk	natural	□
HS120384	0.5 mL	81	12 mm	5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm)	10/pk	blue	■
HS120385	0.5 mL	81	12 mm	5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm)	10/pk	red	■
HS120386	0.5 mL	81	12 mm	5.2 x 5.1 x 1.6 in (13.3 x 13.0 x 4.2 cm)	10/pk	purple	■
HS120262	1.5/2.0 mL	81	12 mm	5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 5.1 cm)	10/pk	natural	□
HS120376	1.5/2.0 mL	81	12 mm	5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 5.1 cm)	10/pk	blue	■
HS120377	1.5/2.0 mL	81	12 mm	5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 5.1 cm)	10/pk	red	■
HS120378	1.5/2.0 mL	81	12 mm	5.2 x 5.2 x 1.6 in (13.3 x 13.3 x 5.1 cm)	10/pk	purple	■
HS120387	5 mL	25	22.6 mm	5.2 x 5.1 x 2.9 in (13.3 x 13.3 x 7.5 cm)	10/pk	natural	□
HS120388	5 mL	25	22.6 mm	5.2 x 5.1 x 2.9 in (13.3 x 13.3 x 7.5 cm)	10/pk	blue	■
HS120389	5 mL	25	22.6 mm	5.2 x 5.1 x 2.9 in (13.3 x 13.3 x 7.5 cm)	10/pk	red	■
HS120390	5 mL	25	22.6 mm	5.2 x 5.1 x 2.9 in (13.3 x 13.3 x 7.5 cm)	10/pk	purple	■

corrugated polypropylene 15 mL and 50 mL

part no.	tube	wells	well dia.	l x w x h	pkg.	color	
HS120391	15 mL	36	19.8 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	natural	□
HS120392	15 mL	36	19.8 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	blue	■
HS120393	15 mL	36	19.8 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	red	■
HS120384	15 mL	36	19.8 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	purple	■
HS120366	50 mL	16	31.6 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	natural	□
HS120367	50 mL	16	31.6 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	blue	■
HS120368	50 mL	16	31.6 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	red	■
HS120369	50 mL	16	31.6 mm	5.7 x 5.78 x 4.72 in (14.5 x 14.7 x 12.0 cm)	10/pk	purple	■

thin polypropylene film 1.5-2 mL

part no.	tube	wells	well dia.	l x w x h	pkg.	color	
HS120370	1.5/2.0 mL	81	12.1 mm	4.92 x 4.92 x 1.92 in (12.5 x 12.5 x 4.9 cm)	10/pk	white	□
HS120371	1.5/2.0 mL	81	12.1 mm	4.92 x 4.92 x 1.92 in (12.5 x 12.5 x 4.9 cm)	10/pk	lt. blue	■
HS120372	1.5/2.0 mL	81	12.1 mm	4.92 x 4.92 x 1.92 in (12.5 x 12.5 x 4.9 cm)	10/pk	lt. green	■
HS120373	1.5/2.0 mL	81	12.1 mm	4.92 x 4.92 x 1.92 in (12.5 x 12.5 x 4.9 cm)	10/pk	purple	■



NEW





cryogenic vial holders
safely store and transport cryogenic vials

- well tabs allow one-handed opening and closing of vials that have a slot feature
- embossed index numbers and squared, upper left corner provide easy orientation
- ribbed grips make handling with gloves easier
- made from polycarbonate—can withstand cryogenic freezing
- **autoclavable**

part no.	tubes	wells	wells dia.	l x w x h	pkg.	color
HS23229B	2-4 mL	50	12.9 mm	7.75 x 4.0 x 0.9 (19.7 x 10.2 x 2.3 cm)	4/pk	blue ■

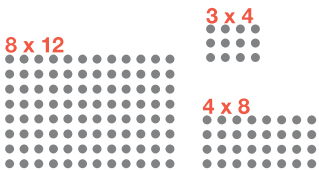
true north® mini Coolers
protect temperature-sensitive samples at the bench or in the freezer

ideal for keeping PCR® reagents, enzymes, and other biochemical reagents cool while working at the bench
filled with insulating gel, the mini coolers can also be used for controlled sample freezing and for longer temperature retention samples



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

part no.	temp	tube array	tubes	tube sizes	lid	l x w x h	temp retention	color
HS120070	0°C	3 x 4	12	0.5–2 mL	clear	145 x 105 x 100 mm	1°C for 4 hr**	green ■
HS120071	0°C	4 x 8	32	0.5–2 mL	clear	245 x 105 x 100 mm	1°C for 5 hr**	green ■
HS120072	0°C	4 x 8	32	0.5–2 mL	gel filled	245 x 105 x 100 mm	1°C for 7.5 hr**	green ■
HS120073	-20°C	3 x 4	12	0.5–2 mL	clear	145 x 105 x 100 mm	-15°C for 2.5 hr**	blue ■
HS120074	-20°C	4 x 8	32	0.5–2 mL	clear	245 x 105 x 100 mm	-15°C for 3.5 hr**	blue ■
HS120075	-20°C	4 x 8	32	0.5–2 mL	gel filled	245 x 105 x 100 mm	-15°C for 5 hr**	blue ■
HS120076	-20°C	8 x 12	96	0.2 mL	clear	225 x 165 x 110 mm	-15°C for 3.5 hr	blue ■



work2store®

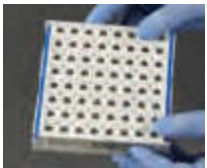
- clear lid locks the rack together for safe handling and transportation
- wells have a center depression to stabilize conical tubes and a cryogenic vial lock for one handed cap removal
- holds 64 x 1.5/2.0 mL cry and/or micro tubes
- **autoclavable**

part no.	tubes	wells	well dia.	l x w x h open	pkg.	color
HS120018	1.5/2.0 mL	64	12.3 mm	12.2 x 5 x 1.3 in (31 x 12.8 x 3.35 cm)	1/ea	white □
				l x w x h closed - with lid		
				5.2 x 5.2 x 2 in (3.3 x 13.3 x 5.3 cm)		

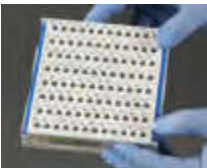
work2store® micro

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

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



96 x 0.2 mL



64 x 0.5 mL

part no.	wells	tubes	well dia.	l x w x h open	pkg.	color
HS120183	64	0.5 mL	7.8 mm	12.2 x 5 x 1.2 in (31 x 12.8 x 3.1 cm)	1/ea	white □
	96	0.2 mL	5.1 mm	l x w x h closed - with lid		
				5.2 x 5.2 x 1.8 in (13.3 x 13.3 x 4.8 cm)		



arctic squares® polycarbonate cryostorage boxes

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

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

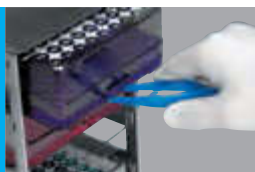
- hinged lid with built-in stop allows easy one-handed access to samples (not on 25 place)
- forward-sloped base and high contrast indexing on the transparent lid ensure quick visual orientation
- magnetic tipped forceps supplied with styles b and d, help pick vials and remove boxes from freezer racking
- all boxes have vent and drainage holes and are stackable
- **autoclavable**

	5 x 5 array boxes	part no.	tubes	wells	wells dia.	l x w x h	qty.	color
a	- ideal for small sampling - friction fit, slide-on lid	HS23325A	2.0 mL	25	12.5 mm	2.99 x 2.99 x 2.0 in (7.6 x 7.6 x 5.3 cm)	8/pk	ruby red ■
b	9 x 9 array standard boxes - hinged lid - wells arranged in an easy-to-pick formation	HS23381B	2.0 mL	81	12.5 mm	5.23 x 5.23 x 2.0 in (13.3 x 13.3 x 5.3 cm)	4/pk	■ ■ ■ ■ *
c	9 x 9 array tall boxes - use with all common sizes up to 5.0 mL - hinged lid	HS23381C	5.0 mL	81	12.5 mm	5.23 x 5.23 x 3.77 in (13.3 x 13.3 x 9.6 cm)	5/pk	amethyst purple ■
d	10 x 10 array boxes - maximum number of tubes in standard footprint - hinged lid	HS23300D	2.0 mL	100	12.5 mm	5.23 x 5.23 x 2.0 in (13.3 x 13.3 x 5.3 cm)	4/pk	arctic blue ■

*assorted colors (ruby red, amethyst purple, arctic blue, emerald green)

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

includes embedded magnet for easy forceps storage



SEE PAGE 62
for arctic squares® freezer rack
horizontal drawer system for upright freezers

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





81-well microtube storage boxes

compact footprint for microtube and cryogenic vial storage

- store 1.5/2.0 mL microtubes or cryogenic vials in polypropylene storage boxes
- easy open, friction fit lid
- black light tight version available for light sensitive samples
- autoclavable

part no.	tubes	wells	well dia.	l x w x h	pkg.	color	
HS120034	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	white	<input type="checkbox"/>
HS120035	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	blue	<input checked="" type="checkbox"/>
HS120036	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	green	<input checked="" type="checkbox"/>
HS120037	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	pink	<input checked="" type="checkbox"/>
HS120038	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	yellow	<input checked="" type="checkbox"/>
HS120039	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	orange	<input checked="" type="checkbox"/>
HS120040	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	*
HS120041	1.5/2.0 mL	81	12.3	5.1 x 5.1 x 1.9 in (13 x 13 x 4.7 cm)	5/pk	black	<input checked="" type="checkbox"/>

*assorted colors (blue, green, pink, yellow, orange)

refrigerator racks

contoured design for safe handling

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

- made from molded polystyrene
- top inset tray secures tubes in place
- stackable, saves bench space

part no.	tubes	wells	wells dia.	l x w x h	color
HS28230A	1.5/2.0 mL	50	12.8 mm	10.66 x 5.59 x 2.2 in (27.1 x 14.2 x 5.6 cm)	white <input type="checkbox"/>
HS28230B	15 & 50 mL	15	29.2 mm	10.86 x 6.4 x 5.27 in (27.6 x 16.4 x 13.4 cm)	white <input type="checkbox"/>



foam tube racks

high storage, minimal footprint

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

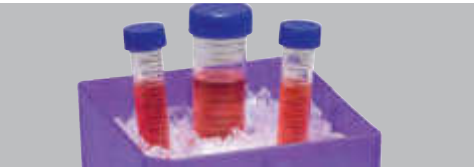
part no.	tubes	wells	wells dia.	l x w x h	pkg.	color
HS4282	1.5/2.0 mL	100	11.5 mm	13.22 x 3.74 x 2.87 in (33.6 x 9.5 x 7.3 cm)	10/pk	white <input type="checkbox"/>
HS4283P	1.5/2.0 mL	50	11.5 mm	8.26 x 4.33 x 2.7 in (21.0 x 11.0 x 7.1 cm)	10/pk	white <input type="checkbox"/>

transformable cube rack

for storage of large samples and 15 and 50 mL tubes

- polypropylene construction complete with two snap-in grids
- imprinted grid and first tube orientation and keyed lid
- use without grids for larger sized product storage
- fill with ice and use as a temporary low temperature workstation
- clear lid, translucent sides
- autoclavable

part no.	tubes	wells	wells dia.	l x w x h	pkg.	color
HS23271A	15 mL	16	18 mm	4.9 x 4.9 x 5 in (12.5 x 12.5 x 12.9 cm)	5/pk	purple <input checked="" type="checkbox"/>
	50 mL	9	31 mm			

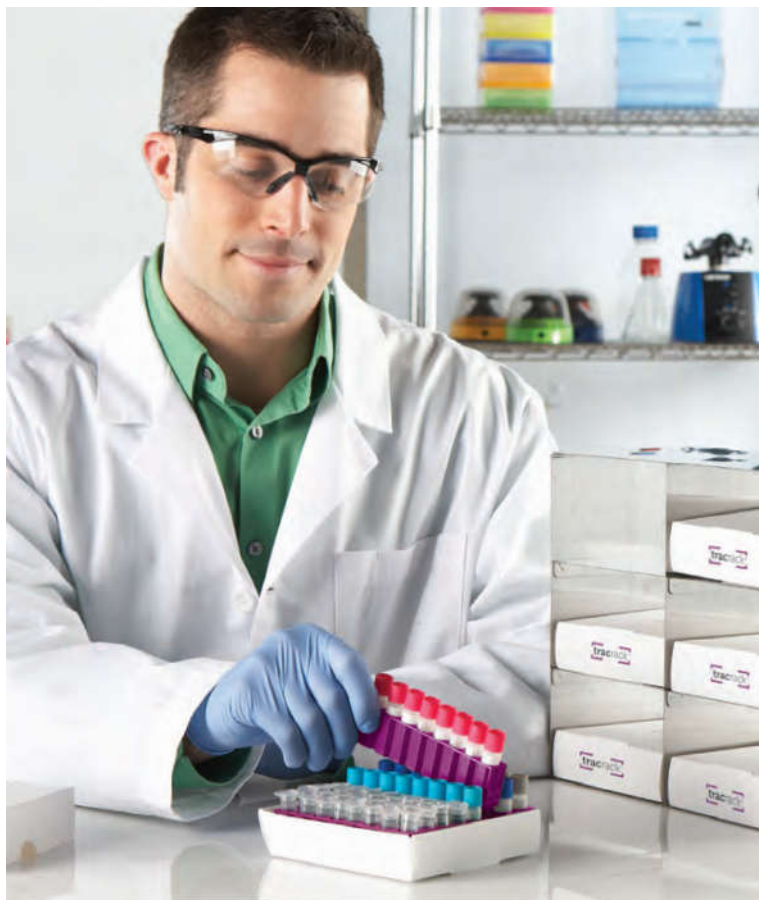


fill with ice and use as a temporary low temperature workstation



Holds either:
• 15 mL or
• 50 mL samples





NEW tracrack™

take what you need and store the rest

removing and working with samples from cold temperature storage has never been easier

eliminate the hassle of taking an entire rack of samples out of cold storage with the **tracrack™** that enables lab professionals to remove one row of samples at a time.

eight individual segments are nested in a 2" polypropylene film box that allows users to easily open, identify and remove only the segments of samples needed

once the segments are removed, simply replace the box lid and leave the remaining samples in storage

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

two versions are available, **tracrack™** that accommodates 1.5 -2.0 mL cryo and micro-centrifuge tubes, and the reversible **tracrack™ micro** which will hold 64 x 0.5 mL micro tubes on one side and 96 x 0.2 mL micro tubes on the other

- helps reduce potential cross contamination
- saves valuable working space and allows more room for sample manipulation
- stops opened microfuge lids with interfering with other wells
- alphanumeric well identification
- tube segments sold with the box



tapered front
design for easy
segment removal

tracrack™

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

part no.	tubes	wells	well dia.	l x w x h	pkg.	color
HS120356	1.5/2.0 mL	64	12.3 mm	5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm)	1/ea	purple

tracrack™ micro

take what you need and store the rest

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

part no.	tubes	wells	well dia.	l x w x h	pkg.	color
HS120357	0.2 mL	64	5.1 mm	5.09 x 5.1 x 1.37 in (12.93 x 13.0 x 3.5 cm)	1/ea	lt. purple
	0.5 mL	96	7.8 mm			



64 x 0.5 mL tubes,
96 x 0.2 mL
micro tubes, or a
combination of both

tracrack™ outer box

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

SEE PAGE 61
for standard
freezer rack
configurations





truenorth® microscope slide box

store in ultra-low temperatures with confidence

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

- durable polycarbonate and stainless steel clasp
- safe storage and transport of 25 x 75 mm (3 x 1 inch) slides
- uniform grooved slide slots separate slides preventing slide contact
- temperature-resistant numbered foam lining and identification sheet
- stackable
- **autoclavable**

part no.	capacity	hinge	l x w x h	color
HS15988H	100 slides	nickle	208 x 175 x 34 mm	purple
HS120316	25 slides	friction fit lid	141 x 88 x 35 mm	blue



cool containers

durable containers for chilling temperature-sensitive samples

heavy insulation properties for the ultra cold, cool containers are ideal for ice, ice-salt slurries and more

- made from single-molded polyurethane
- close-fit lid keeps evaporation to a minimum and features a comfortable recessed knob
- lid nests under bucket
- for low-temperature use to -196°C at 1 bar
- stackable
- pour spout and large handles

part no.	style	capacity	l x w x h	color
HS28714K	bucket	4 L	181 (H) x 234 (D)	black onyx
HS28721G	pan	1 L	267 x 195.5 x 114	emerald
HS28724B	pan	4 L	381 x 254 x 140	arctic blue
HS28729R	pan	9 L	521 x 292 x 163	ruby



lid fits below bucket to save space





freezer thermometer

protect frozen and chilled samples from potential spoilage

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

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

part no.	dimensions
HS28630	136 x 19 x 28 mm, probe cable measures 0.9 m, probe measures 5 mm OD x 17 mm L



truenorth®

cryogenic vials

innovative design saves space in your freezer

- puncture/rupture-resistance polypropylene with
- silicon lid seal & patented lid with ergonomic 1.5 twist to open and close
- printed writing area and graduations
- sterile, non-pyrogenic and non-cytotoxic inner resealable packs of 50 vials, complete with traceable sterility certificate
- recommended for mechanical freezers and vapor phase LN₂ (-196°)
- **disposable**



part no.	vol.	dimensions	pkg.	color
HS23202A	2.0 mL	OD 12 mm closed height 49 mm	500/cs	assorted 
HS23202N	2.0 mL	OD 12 mm closed height 49 mm		natural 

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



patented easy-grip
faceted lid

certified DNase, RNase and Pyrogen free

cryogenic vial canes

organize cryogenic samples in dewars

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

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

part no.	length	no. of vials	vial size	pkg.
HS23205	290 mm	5	up to 2.0 mL	12/pk
HS23206	300 mm	6	up to 5.0 mL	12/pk



PVC cryogenic cane sleeves

for extra security and sample safety

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

- safe for cryogenic freezing
- more durable than cardboard sleeves
- transparency allows sample identification without removing sleeve

part no.	dimensions	pkg.
HS23210	14.5 mm dia x 275 mm long	100/pk

