



**RACKS,  
TUBES  
& STORAGE  
BOXES**

**JUNE 2017**

**FREEZER INVENTORY MANAGEMENT PRODUCTS**

## STAINLESS STEEL SLIDING INVENTORY RACKS FOR UPRIGHT FREEZERS

### DR100 Series

**Rack Description:** accommodates 100 well polypropylene hinged lid storage boxes

**Box Size:** 151mm x 139mm x 54mm

**Height:** 2, 3, 4, 5

**Available Depth:** 3

**Astral Box Part No:** I5540-29

3 DEEP Rack Footprint - 490mm x 148mm			
PART NO.	BOXES	TRAYS	HEIGHT
DR1003D2H	6	2	124mm
DR1003D3H	9	3	185mm
DR1003D4H	12	4	248mm
DR1003D5H	15	5	309mm



### D2R Series

**Rack Description:** accommodates 81 well polypropylene and 53mm high cardboard boxes

**Box Size:** 130mm x 130mm x 53mm

**Height:** 2, 3, 4, 5

**Available Depth:** 3 or 4

**Astral Box Part No:** I5500-29 or B2C



3 DEEP Rack Footprint - 420mm x 138mm			
PART NO.	BOXES	TRAYS	HEIGHT
D2R3D2H	6	2	117mm
D2R3D3H	9	3	173mm
D2R3D4H	12	4	234mm
D2R3D5H	15	5	290mm

4 DEEP Rack Footprint - 550mm x 138mm			
PART NO.	BOXES	TRAYS	HEIGHT
D2R4D2H	8	2	117mm
D2R4D3H	12	3	173mm
D2R4D4H	16	4	234mm
D2R4D5H	20	5	290mm

## STAINLESS STEEL SLIDING INVENTORY RACKS FOR UPRIGHT FREEZERS

### D3R Series

**Rack Description:** accommodates 75mm (3") cardboard boxes

**Box Size:** 75mm x 130mm x 130mm

**Height:** 2, 4

**Available Depth:** 4

**Astral Box Part No:** B3C

4 DEEP Rack Footprint - 550mm x 138mm			
PART NO.	BOXES	TRAYS	HEIGHT
D3R4D2H	8	2	160mm
D3R4D4H	16	4	320mm

### SIM Series

**Rack Description:** accommodates Simport polycarbonate storage boxes and larger cardboard varieties

**Box Size:** 133mm x 133mm x 52mm

**Height:** 2, 3, 4, 5

**Available Depth:** 3 or 4

**Astral Box Part No:** T314-281 and T314-2100 series



3 DEEP Rack Footprint - 425mm x 140mm			
PART NO.	BOXES	TRAYS	HEIGHT
SIM3-2	6	2	120mm
SIM3-3	9	3	180mm
SIM3-4	12	4	240mm
SIM3-5	15	5	300mm

4 DEEP Rack Footprint - 560mm x 140mm			
PART NO.	BOXES	TRAYS	HEIGHT
SIM4-2	8	2	120mm
SIM4-3	12	3	180mm
SIM4-4	16	4	240mm
SIM4-5	20	5	300mm

## FREEZER INVENTORY RACKS FOR CHEST FREEZERS

### CRI00 Series

**Rack Description:** accommodates 100 well polypropylene, hinged lid storage boxes

**Box Size:** 151mm x 139mm x 54mm

**Height:** 6, 7, 8, 9, 10, 11, 12

**Footprint:** 163mm x 152mm

**Astral Box Part No:** I5540-29

Rack Footprint - 163mm x 152mm		
PART NO.	BOXES	APPROX. HEIGHT
CR1006	6	364mm
CR1007	7	425mm
CR1008	8	486mm
CR1009	9	546mm
CR10010	10	606mm
CR10011	11	668mm
CR10012	12	728mm

Custom Racks Available



### E50 Series

**Rack Description:** accommodates 81 well polypropylene and 53mm cardboard storage boxes

**Box Size:** 130mm x 130mm x 53mm

**Height:** 6, 7, 8, 9, 10, 11, 12

**Footprint:** 140mm x 140mm

**Astral Box Part No:** I5500-29 or B2C

Rack Footprint - 140mm x 140mm		
PART NO.	BOXES	APPROX. HEIGHT
E506	6	330mm
E507	7	385mm
E508	8	440mm
E509	9	495mm
E510	10	550mm
E511	11	605mm
E512	12	660mm

Custom Racks Available

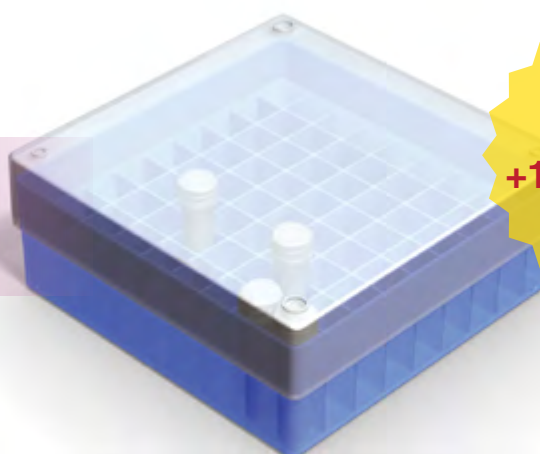




# POLYPROPYLENE BOXES

• Can Be Used In Liquid Nitrogen •

Cryo Storage Box  
81 Position



Working  
Range:  
**+110°C** down  
to **-200°C**



**Comes in  
packs of 5!**

Available in  
4 colours (blue,  
red, green &  
yellow)

Outer dimensions : 13cm (L) x 13cm (W) x 4.5cm (H)

- Opaque lids: **samples can be viewed**
- Made from durable polypropylene: **long service life**
- Lids can be written on with marker pen: **no labels needed**
- Boxes are not affected by ice or water: **no swollen boxes**
- Fits most Cryo Storage Rack Systems
- Autoclavable and unbreakable design
- Boxes can be stacked
- Convenient storage for microcentrifuge tubes and cryo vials



**RED**  
PART NO. B10017  
Pack of 5



**YELLOW**  
PART NO. B10018  
Pack of 5



**GREEN**  
PART NO. B10020  
Pack of 5



**BLUE**  
PART NO. B10021  
Pack of 5

PART NO.	DESCRIPTION	DIMENSIONS	COLOUR	U OF M
B10017	CryoStore box 81 Position	130mm L x130mm W x 45mm H	Red	5/pk
B10018	CryoStore box 81 Position	130mm L x130mm W x 45mm H	Yellow	5/pk
B10020	CryoStore box 81 Position	130mm L x130mm W x 45mm H	Green	5/pk
B10021	CryoStore box 81 Position	130mm L x130mm W x 45mm H	Blue	5/pk

# SAMPLE STORAGE

## Cryo-Colour™ Cardboard Freezer Boxes

- Temperature range -196°C to 121°C
- Durable coated cardboard
- Chemically resistant to alcohols & mild organic solvents

PART NO.	DESCRIPTION	PACK SIZE
90-5281	Cryo-Colour 2" Box plus 81 well dividers Assorted Colours	20/pk
90-5200	Cryo-Colour 2" Box plus 100 well dividers Assorted Colours	20/pk



## 100-Well Hinged Lid Freezer Storage Boxes (to -90°C)

Durable storage for 1.5ml & 2.0ml microtubes and cryogenic vials

PART NO.	DESCRIPTION	PACK SIZE
I5540-29	Fluorescent assorted colours	Case of 20
	Bulk Pack	5 Cases of 20

## Cardboard Cryogenic Vial Boxes and Dividers

### Economical storage

- Boxes can be stored in liquid nitrogen or in mechanical freezers
- Box footprint is 132 x 132mm
- Select a partition that fits the size and number of vials for your needs

PART NO.	DESCRIPTION	PACK SIZE
B2CD81	2" Box plus 81 Cell Dividers	20 Pack
B2C	Cardboard Box Regular 2"	20 Pack
D100N	100 Cell Divider	20 Pack
D81N	81 Cell Divider	20 Pack



# INNOVATIVE CRYOSTORAGE VIALS

## Screw Cap Tubes (-200°C to 110°C)

BIOplastics Screw Cap Tubes are an excellent form of storage. They have a unique design, are made out of polypropylene and have frosted areas for writing and a plain, homogeneous low binding surface inside. Screw Cap Tubes are available in three different volumes: 0.5 ml, 1.5 ml and 2.0 ml. They are also available as conical or free standing and sterile or non-sterile. The screw cap tubes have a working range of -200°C to 110°C and can be centrifuged up to 20,000 g.

## Screw Cap Closure Technology

BIOplastics Screw Cap Tubes offer Smart Secure Closure Technology. With this new screw cap design, the use of “old fashioned” rubber rings has become obsolete. It’s performance is superior when compared to regular screw cap tubes. The absence of a rubber ring ensures that the closure is not affected when in contact with organic solvents and that no leakages will occur. The new Smart secure closure design allows frequent opening and closing, avoiding leakage even in extreme conditions.

For more information, please click on the link on the right:

[CLICK HERE FOR MORE INFORMATION](#)



0.5 ml Conical tubes (without screw caps)  
Pictured: B71057



0.5 ml Free standing tubes (without screw caps)  
Pictured: B71060

### 0.5 ML SCREW CAP TUBES

#### Conical (Tubes only)

PART NO.	DESCRIPTION	COLOUR	U OF M
B71057	0.5 ml conical screw cap tube	Natural	500/pk

#### Free standing (Tubes only)

B71060	0.5 ml free standing screw cap tube	Natural	500/pk
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### 1.5 ML SCREW CAP TUBES

#### Conical (Tubes only)

PART NO.	DESCRIPTION	COLOUR	U OF M
B71058	1.5 ml conical screw cap tube	Natural	500/pk

#### Free standing (Tubes only)

B71061	1.5 ml free standing screw cap tube	Natural	500/pk
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1.5 ml Conical tubes (without screw caps)  
Pictured: B71058



1.5 ml Free standing tubes (without screw caps)  
Pictured: B71061

### 2.0 ML SCREW CAP TUBES

#### Conical (Tubes only)

PART NO.	DESCRIPTION	COLOUR	U OF M
B91201	2.0 ml conical screw cap tube	Natural	500/pk

#### Free standing (Tubes only)

B71072	2.0 ml free standing screw cap tube	Natural	500/pk
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2.0 ml Conical tubes (without screw caps)  
Pictured: B91201



2.0 ml Free standing tubes (without screw caps)  
Pictured: B71072



Screw Caps with secure closure  
Pictured: B91300

### SCREW CAPS

#### Screw Caps with secure closure (for long term low temperature storage)

PART NO.	DESCRIPTION	COLOUR	U OF M
B91300	Secure closure screw caps	Natural	500/pk

#### Easy closure Screw Caps

B91400	Easy closure screw cap tube	Natural	500/pk
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