

CryoClear™

Barcoded Cryogenic Tubes

for Specimen Storage and Transportation



Our innovative screw caps eliminate leakage and contamination.

CryoClear™ screw caps are co-molded with a thermoplastic elastomer (TPE) layer and are 95kPa certified to provide a 100% leak-proof seal. This proprietary molding process eliminates the risk of contamination associated with brands that use separate silicone o-rings.

Additional Features:

- Cryoclear™ tubes are certified by an independent laboratory to be free of Human DNA, DNase, RNase, Pyrogen and ATP
- Manufactured in a Class 7 (Class 10,000) cleanroom in accordance with FDA, GMP and ISO quality guidelines (ISO 13485:2004, ISO 14644 and ISO 14698)
- Each tube is printed with a unique barcode to eliminate the need for labels during storage

CryoClear™

Clearly the best choice for cryogenic tubes.

Globe Scientific's CryoClear™ tubes are designed for cryogenic storage and transport of biological specimens at temperatures as low as -196°C. This innovative line features outstanding leak resistance and purity due to the special thermoplastic elastomer layer that is co-molded with the screw cap. Each tube has a unique printed barcode for automated data collection, accurate sample inventory, and to conceal the sample's identity. The tubes have printed graduation marks for exact measurements and a large white writing area for manual specimen identification.

Technical:

- Sterilized by beta radiation
- Tubes and caps are autoclavable
- Temperature range: -196° to +121°C

Material:

Tube: Medical Polypropylene (PP)
 Cap: Medical Polyethylene (PE)
 co-molded with a thermoplastic elastomer (TPE) layer

Screw caps are molded with a thermoplastic elastomer (TPE) layer to provide a 100% leak-proof seal

White writing surface for specimen identification

Printed graduations for accurate measurements

Available with round bottoms or self-standing

Tubes and caps are autoclavable

Produced from medical grade raw materials that will not discolor after re-sterilizing

Barcode printed on each tube

Chemical resistant polypropylene tube

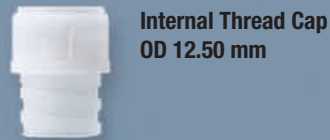
Self-standing tubes interlock in Globe workstation



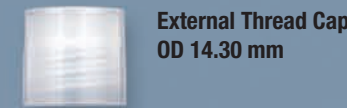
CryoClear™ cryogenic tubes are produced, assembled and packaged in a Class 7 cleanroom (Class 10,000) in accordance with quality guidelines ISO 13485:2004, ISO 14644 and ISO 14698 (Federal Standard 209). Every lot is certified* by an independent laboratory to be free of Human DNA, DNase, RNase, pyrogen and ATP. The tubes are sterilized in small controlled batches by beta radiation in accordance with EN ISO 11137. The virgin raw materials are tested according to the "United States Pharmacopia" (USP) and with the "drug master file" (DMF) at the FDA. The tubes are certified* leak proof at a pressure of 95 kPa (0.95 bar, 14 psi) by applying a closure force of not less than 8 cNm.

*Certificate of Analysis available upon request.

Internal Threads (shown actual size)



External Threads (shown actual size)



Order Number	3001	3002	3003	3004	3005	3006	3008
Volume	1 mL	2 mL	2 mL	4 mL	4 mL	5 mL	5 mL
Height**	42.7 mm	48.0 mm	47.0 mm	75.1 mm	76.1 mm	89.3 mm	90.4 mm
Tube O.D.	12.5 mm	12.5 mm	12.5 mm	12.5 mm	12.5 mm	12.5 mm	12.5 mm
Style	Self standing	Self standing	Round bottom	Round bottom	Self standing	Round bottom	Self standing
Packaging	1000/case, 10 bags of 100 tubes						

**Height with caps attached.

Order Number	3010	3011	3012	3013	3014	3015
Volume	1 mL	2 mL	2 mL	3 mL	4 mL	5 mL
Height**	40.1 mm	44.5 mm	45.5 mm	69.3 mm	73.9 mm	88.1 mm
Tube O.D.	12.5 mm	12.5 mm	12.5 mm	12.5 mm	12.5 mm	12.5 mm
Style	Self standing	Round bottom	Self standing	Self standing	Self standing	Self standing
Packaging	1000/case, 10 bags of 100 tubes					

**Height with caps attached.

Color Coded Cap Inserts

Available in assorted colors.

- Ideal for color coding samples
- Easily snaps into both internal and external caps

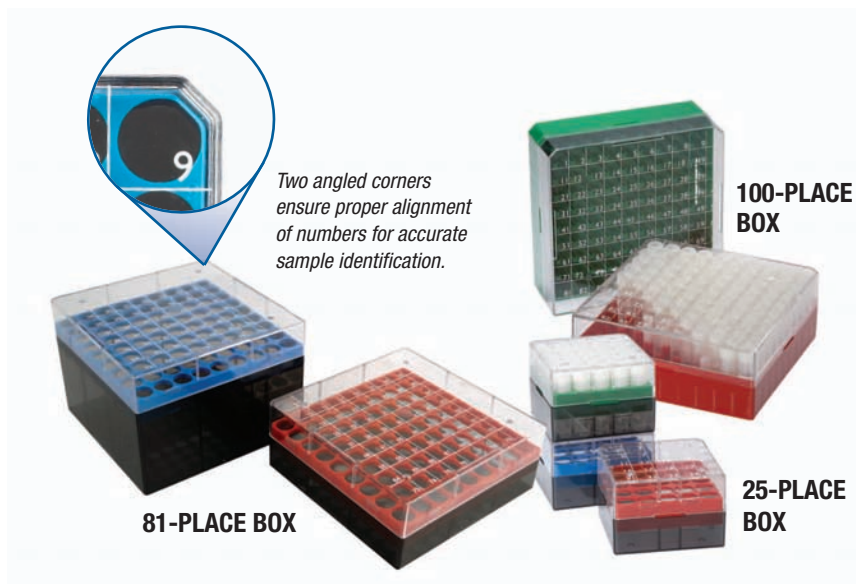
Color Coding Inserts for CryoClear™ Tubes			
Packaging	1000/bag		
Order Number	Color	Order Number	Color
30075B	Blue	30075R	Red
30075G	Green	30075Y	Yellow
30075P	Pink	30075W	White
		30075AST	Assorted



BioBOX™ Storage Boxes with Transparent Lids

Produced from polycarbonate (PC), these storage boxes are designed to withstand temperatures of -196°C to +121°C. The boxes are available in 25-place, 81-place and 100-place sizes and are available in three colors.

- Transparent lid for convenient viewing of contents
- Lid is printed with numbers for easy sample identification
- Boxes have two angled corners for correct alignment of the lid
- A plastic tube picker (pictured on front cover) is supplied with each storage box
- Fits in stainless steel storage racks
- Autoclavable at 121°C, 15 psig for 20 minutes
- Temperature range: -196°C to +121°C

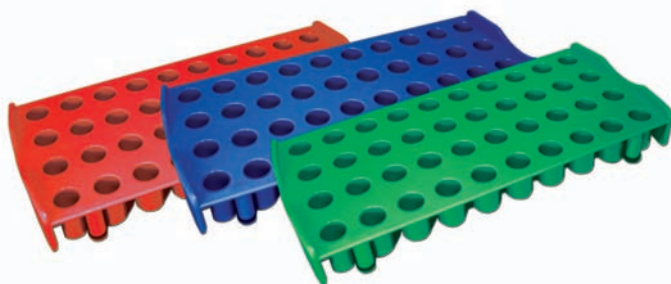


	25-Place Box for all 1mL and 2mL Tubes	81-Place Box for all 1mL and 2mL Tubes	81-Place Box for 3mL, 4mL and 5mL External and 5mL Internal Thread Tubes	100-Place Box for 1mL and 2mL Internal Thread Tubes
Dimensions	76 x 76 x 52 mm	132 x 132 x 52 mm	132 x 132 x 94 mm	132 x 132 x 52 mm
Packaging	8 units/pack	5 units/pack	4 units/pack	5 units/pack
	Order Number/Color	Order Number/Color	Order Number/Color	Order Number/Color
	3039B Blue	3040B Blue	3042B Blue	3050B Blue
	3039G Green	3040G Green	3042G Green	3050G Green
	3039R Red	3040R Red	3042R Red	3050R Red

Workstation Racks

Each workstation securely interlocks with Cryoclear™ self-standing tubes for one-handed opening and closing of caps.

- 40-place format (10 x 4)
- Produced from polycarbonate (PC) with anti-slip rubber feet
- Autoclavable at 121°C, 15 psig for 20 minutes
- Temperature range: -196°C to +121°C



Order Number	3049R	3049B	3049G
Color	Red	Blue	Green
Dimensions	215 x 100 x 25 mm		
Packaging	5 units/box		

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