

Reusable Cryogenic Solutions Elevating Cell and Gene Therapy Transport

The CGT Cryo M multi-use dewars maintain the coldest temperature range available on the market to transport cell and gene therapies. Our cutting-edge technology and strategic design optimize payload configuration and provide support for the Chain of Custody process, ensuring quick and efficient removal.

These dewars include a built-in TracSafe RLT real-time data tracking device to monitor internal product temperature, external ambient temperature, shock, tilt, and location throughout the shipment journey. With CSafe Connect, you can easily track your order and access data or upgrade to our Control Tower shipment monitoring service.

Building from the traceability offered in CSafe Connect, Chain of Custody and Chain of Identity are further supported through market-segregated fleet management and standardized processes within our global service centers, pre- and post-lease inspections, and an annual validation process. With our comprehensive guidance, we serve as your trusted partner every step of the way.



Key Features



Liquid nitrogen dry vapor units



-150°C or colder



10+ days of hold time against ISTA 7D thermal profile



Reusable, high-impact-resistant dewar and shipping case



Available worldwide



Additional protection with security seals and lockable shipping case to prevent tampering in transit



Qualified and validated to industry standards (ISTA 3A for distribution and ISTA 7D for thermal qualification)



Dry vapor technology complies with IATA Dangerous Goods Regulation



Integrated TracSafe RLT (real-time tracking device)



Dependable domed-cap shipping case design prevents stacking, providing a stable, upright orientation during transit and handling

Technical Specifications – Dewar

Specifications	CGT Cryo M4	CGT Cryo M10
Temperature Range	-150°C or colder	-150°C or colder
LN ₂ Capacity (L)	3.7	10
Static Hold Time (days)	10+	10+
Evap. Rate (liters/day)	0.19	0.7
Dimensions		
Necktube	2.78 in / 70.6 mm	8.5 in / 215.9 mm
Overall Diameter	8.75 in / 222.2 mm	15 in / 381 mm
Height	18.5 in / 470 mm	23.25 in / 590.5 mm
Weight		
Empty	10 lb / 4.53 kg	25 lb / 11.34 kg
Full Weight (lbs./kg) - Dewar + Nitrogen Charge	16.5 lb / 7.5 kg	40 lb / 18.14 kg
Tare Weight (lbs./kg)	28.5 lb / 12.9 kg	59.98 lb / 27.2 kg
Capacity		
Number of 1.2 mL & 2.0 mL Vials (5/cane)	85	N/A
Number of 1.2 mL & 2.0 mL Vials (6/cane)	102	966
Number of 0.25 cc Straws (28/cane)	784	N/A
Number of 0.25 cc Straws, Bulk (2 levels) in Goblets	1,640	N/A
Number of 1/2 Straws (10/cane)	280	N/A
Number of 0.5 cc Straws, Bulk (2 levels) in Goblets	800	N/A
Number of Canisters/Blood Bags	1 Canister	10 Bags

Technical Specifications – Shipping Case

Specifications	CGT Cryo M4	CGT Cryo M10
Height	24 in / 609.6 mm	28.3 in / 718.8 mm
Base Diameter	15 in / 381 mm	24 in / 609.6 mm
Weight	12 lb / 5.44 kg	19.98 lb / 9.06 kg

Contact us at: cellandgene@csafeglobal.com

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