

Advanced Single-Use Cryogenic Solutions for Cell & Gene Therapy Logistics

CSafe's comprehensive Cell & Gene portfolio is designed to minimize the risks associated with real-world distribution, enhancing product handling throughout every stage of advanced therapeutic development.

The CGT Cryo S is a single-use cell and gene dewar that provides 8+ days of thermal protection at -150°C or colder, independent of orientation. Economical and flexible, it allows labs to keep several units on hand for conditioning and on-demand shipping. Qualified to ISTA 7D, it features a lightweight outer carton with integrated handles for easy hand-carry delivery. Integrated CSafe TracSafe Dataloggers track temperature, location, and other key conditions, ensuring full shipment protection. This dewar requires no dry ice and is optimized to support the commercialization journey.

Tailored for your commercialization needs, CSafe has developed the highest performing Cell & Gene product portfolio, ensuring compliance with rigorous supply chain standards.



Key Features



Liquid nitrogen dry vapor units



-150°C or colder



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



Dry vapor technology complies with IATA Dangerous Goods Regulation



Lightweight outer carton design with integrated handles for hand-carry delivery



Hold time independent of container orientation



Optimized to support commercialization journey



Integrated tracking device

Technical Specifications – Dewar

Specifications	
Temperature Range	-150°C or colder
LN ₂ Capacity	2 L
LN ₂ Charged Weight	4.85 lb / 2.2 kg
Static Hold Time (days)	8+
Product Space Area	
Payload Canister Diameter	1.42 in / 36 mm
Payload Canister Height	4.65 in / 118 mm
Weight	
Empty	7.60 lb / 3.45 kg
System Tare Weight – Dewar + Outer Packaging	9.70 lb / 4.40 kg
Charged System Weight – Charged Dewar + Outer Packaging	14.55 lb / 6.60 kg

Technical Specifications – Outer Packaging

Specifications	
Length	11.00 in / 279.40 mm
Width	11.00 in / 279.40 mm
Height	21.50 in / 546.10 mm

Contact us at: cellandgene@csafeglobal.com

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