

Transella LN₂ Dry Vapor Shipper

Purpose-built for safe transport of therapeutic cell products and biological samples, the Transella LN₂ dry vapor shipper maintains materials at below -150°C in a vapor-phase environment. Internal absorbent material captures and holds liquid nitrogen so that even if the container tips over, no LN₂ spills, meeting the stringent requirements of air transport and other demanding shipping conditions. A stainless steel mesh separator ensures absorbent material cannot contaminate samples. Ideal for inter-company sample transfer, CRO (Contract Research Organization) /CDMO project logistics, and clinical trial sample shipping.



Key Features

- Vapor-phase cryogenic transport at below -150°C ensures biological material viability
- LN₂ absorbent design prevents spillage upon tipping, suitable for air transportation
- Stainless steel mesh separator prevents absorbent material from contaminating samples
- Aluminum alloy construction—lightweight yet durable
- Vapor-phase hold time of up to 13 days for domestic and international shipping
- Optional intelligent temperature monitoring system for full-journey tracking
- Optional air transport case provides additional protection
- 5-year vacuum warranty ensures long-term reliability

Specifications

Model	Transella-4	Transella-6	Transella-25
Chamber Volume (L)	4	6	25
LN ₂ Absorbent Capacity (L)	1.8	3.4	9
Static Evaporation Rate (L/day)	0.19	0.21	0.89
Vapor-Phase Hold Time (days)	8	15	13
Neck Opening (mm)	70	80	216
Overall Height (mm)	500	519	755
External Diameter (mm)	224	254	396
Empty Weight (kg)	5.5	7.0	19.5
Full Weight (kg)	7.1	9.2	31.0
Standard	1 x 5 x 50ml Blood Bag Basket (no blood bag cassette), Lockable Lid	1 x 2-tier 81-cell Rack (with 2 x 81-cell boxes) OR 1 x 5 x 250 mL Blood Bag Basket (no blood bag cassette)	Vapor-phase 2 mL cryovial transfer (2 mL cryovial rack included, 5 mL optional)