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CryoPod™ Carrier



243354-001 | CryoPod Carrier

The LN2 vapor-based CryoPod Carrier provides a safe, portable, and trackable solution for hand carrying temperature-sensitive biological materials

- Holds samples at $\leq -150^{\circ}\text{C}$ for over 3 hours
- Displays and logs temperature, date, time
- Audible and visual temperature alarms
- Compact, lightweight, portable

Overview

CryoPod Carrier provides a safe, reliable and portable $< -150^{\circ}\text{C}$ cryogenic environment for the handling and transport of biological specimens for over 3 hours. The instrument displays and logs temperature, date and time - all events stored in memory and downloadable to a PC - and features audible and visual alarms, and integrates into an optional automated filling station for hands-free replenishing of the LN2 charge in less than 15 minutes.

It can be carried by hand and is ideal for sample transport or handling of temperature-sensitive biological materials in or around a lab or campus. The CryoPod carrier extends the cryogenic cold chain from freezer or dry shipper to bench and back again. No longer must researchers and clinicians rely on cumbersome, improvised, or potentially unsafe methods to transport or work with their cryogenic samples.

Key Features

- **Sample Cold Chain Integrity & Performance**
 - Over 3 hours of $\leq -150^{\circ}\text{C}$
 - Temperature display with audible and visual alarms
 - Temperature logging and retrieval
 - No direct sample contact with LN2

- **Portability & Safe Operation**
 - Allows safe and quick transportation of cryogenic samples
 - Hands-free auto-fill option
 - Compact footprint; only ~9lbs (4kg)
 - Built-in handle and bottom finger grips
- **Winner of Two Innovation Awards**
 - New Product of the Year Award at ISBER 2015
 - New Innovative Product or Technology Award at ESBB 2015

Specifications

Parameter	CryoPod Carrier
Hold time	over 3 hours $\leq -150^{\circ}\text{C}$ with lid closed
Capacity	one 2in cryobox, two SBS plates or some cassette sizes
Charge	requires < 3l liquid nitrogen (LN2)
Alarm	2 settings with audible and visual signals
Lid	magnetized foam lid for safer transport and insulation
Power	3 AA alkaline batteries (included)
Temperature audit trail	downloadable temperature log data via USB port and CryoPod Data Log Software
Weight	4.1kg (9lbs) without LN2 5.9kg (13lbs) fully charged with 3L LN2 - no samples
Outer dimensions (L x W x H)	34.0 x 32.0 x 26.0cm (13.4 x 12.6 x 10.2in)
Cryogenic chamber basket dimensions (L x W x H)	17.4 x 18.8 x 7.8 (6.9 x 7.4 x 3.1in)

Ordering Information

Use these part numbers to request a quote, a demo or to contact an expert:

Part number	Description
CryoPod Carrier	

243354-001	includes orange lid and manual fill kit; 1 carrier
CryoPod Carrier lids	
252888-001	orange; 1 lid
252888-002	green; 1 lid
252888-003	grey; 1 lid
252888-004	pink; 1 lid
252888-005	purple; 1 lid
CryoPod Carrier accessories	
252885	CryoPod Manual Fill Kit; 1 kit
252886	CryoPod LN2 Absorbent Pads, 4pc, 2/pk
CryoPod Carrier related products	
246000-01	CryoPod LN2 Filling Station

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