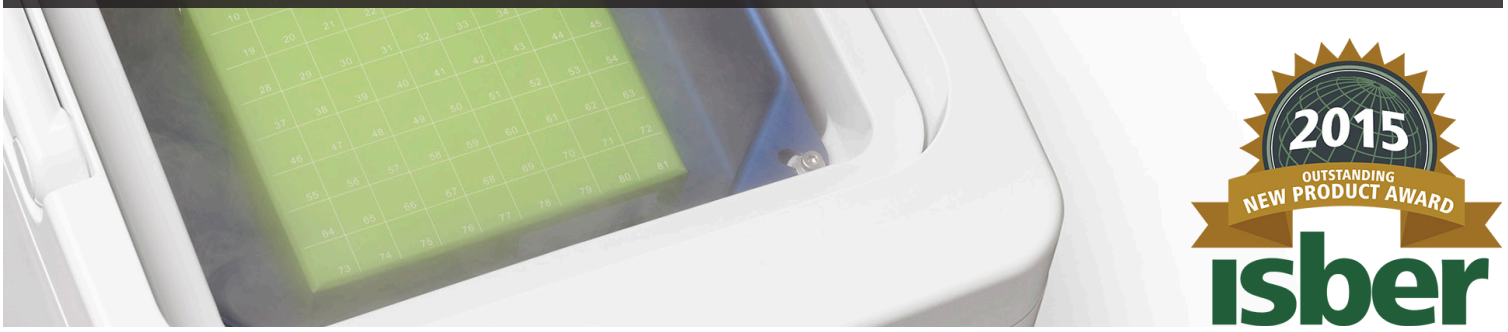
CryoPod™ Carrier

Portable Liquid Nitrogen (LN_2)-Based Cryogenic Transport



2015 OUTSTANDING NEW PRODUCT AWARD isber

CryoPod™ Carrier provides a safe, reliable and portable < -150°C cryogenic environment for the handling and transport of biological specimens for over 4 hours. The instrument displays and logs temperature, date and time, and features audible and visual alarms, and integrates into an optional automated filling station for hands-free replenishing of the LN_2 charge in less than 15 minutes.

Winner of two innovation awards!

- New Product of the Year Award at ISBER 2015
- New Innovative Product or Technology Award at ESBB 2015

Ensures operator safety

- Allows safe and quick transportation of cryogenic samples
- Hands-free auto-fill option

Maintains sample cold chain integrity

- Temperature display with audible and visual alarms
- Temperature logging and retrieval

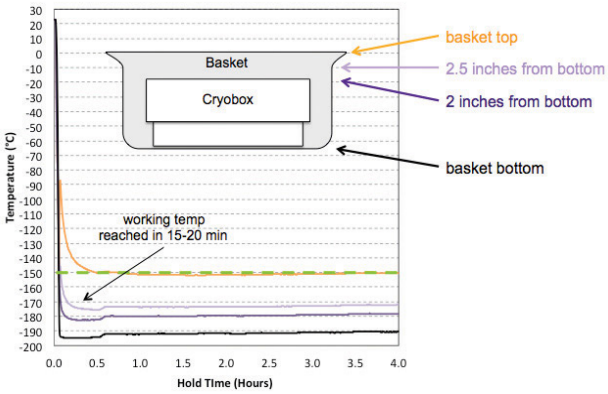
Delivers reliable performance

- Over 4 hours <-150°C
- No direct sample contact with LN2

Portable

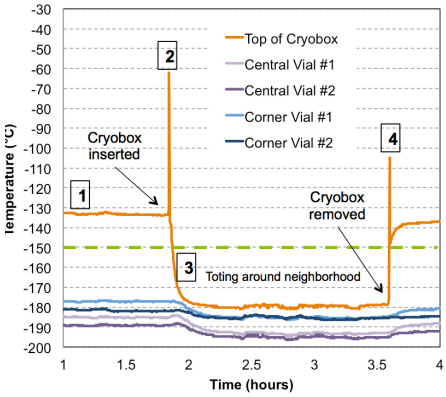
- Compact footprint; only ~11 lbs
- Built-in handle and bottom finger grips

Over 4 Hour Hold Time



The entire 2.5 inch working depth of the CryoPod™ Carrier remains well below -150°C for over 4 hours with one charge of LN_2 and with the lid closed. Temperature readings were taken on the CryoPod Carrier interior basket floor, 2 inches and 2.5 inches from the floor, and on the top of the chamber for over 4 hours. The chamber is situated above the compartment containing LN_2 and there is no direct contact between the chamber contents (e.g. cryobox) and the LN_2.

Stable Temperature While Transporting



(1) Cryobox sitting in cryostorage container with 0.5 inches of LN_2 prior to insertion into CryoPod™ Carrier. Samples in cryobox <-170°C. (2) Cryobox inserted into CryoPod Carrier. (3) CryoPod Carrier transported by foot around local vicinity for 1.5 hours. Ambient temperature of 18-21°C (65-70°F). (4) Cryobox removed from CryoPod Carrier and inserted into LN_2 cryostorage container.

Specifications

Hold Time	Over 4 hours < -150°C with lid closed
Capacity	One 2-inch cryobox or 2-3 small cassettes
Charge	Requires < 3 L liquid nitrogen (LN_2)
Alarm	Two settings with audible and visual signals
Lid	Magnetized foam lid for safer transport and insulation
Power	Battery operated front panel
Temperature Audit Trail	Downloadable temperature log data via USB port and customized software
Weight	5.1 kg (11.2 lbs) without LN2 6.8 kg (15.2 lbs) fully charged with 3L LN2 - no samples
External dimensions (L x W x H)	34.0 x 32.0 x 26.0 cm (13.4 x 12.6 x 10.2 in)
Cryogenic chamber basket dimensions (L x W x H)	17.4 x 18.8 x 7.8 cm (6.9 x 7.4 x 3.1 in)

Application

CryoPod™ Carrier provides stable cryogenic sample transport and handling around the laboratory, campus or metro area. It accommodates one standard cryogenic storage box or 2-3 small cassettes.

Ordering Information

Item No.	Description
BCS-514	CryoPod™ Carrier, includes green lid and manual fill kit
BCS-544G	CryoPod™ lid, green, optional
BCS-544O	CryoPod™ lid, orange, optional
BCS-544PK	CryoPod™ lid, pink, optional
BCS-544GY	CryoPod™ lid, grey, optional
BCS-544P	CryoPod™ lid, purple, optional
BCS-516	CryoPod™ Manual Fill Kit
BCS-517	CryoPod™ LN_2 Absorbent Pads, 4/pk
BCS-519	CryoPod™ Foam Cryobox Guide

CryoPod™ Carrier Automatic Filling Station

The optional CryoPod™ Carrier Automatic Filling Station offers a single-button LN_2 filling solution that can be placed on a laboratory bench or floor. The Filling Station will fully charge the CryoPod Carrier within 15 minutes without the need for direct LN_2 handling by the user.

- Safe; user has no interaction with LN2
- Hands-free, single-button filling process
- Recharges the CryoPod Carrier in less than 15 minutes
- Provides precise LN2 fill every time
- Bench or floor mountable

For more information, please inquire at info@biocision.com.

BioCision, LLC 101 Glacier Point Road, Suite E, San Rafael CA 94901 USA sales@biocision.com www.biocision.com

©2016. BioCision, LLC. All rights reserved. Patents pending. BioCision is a trademark owned by BioCision LLC. CryoPod designation is a trademark owned by Brooks Automation. PN 20055 Rev 7