

# Cryogenic Cart

## Operation Cold Bench & Transportation Cart



CryoCart-II can be used as a portable workbench or transportation cart with  $-150^{\circ}\text{C}$  cryogenic vapor protection.

When used as a portable workbench, the cryogenic protection holdover time is up to 8 hours with lid open.

When used as a transportation cart, large quantity of biological products can be transported from one place to another place within the facility. For instance, to move samples from one freezer to another freezer, or to move frozen samples from controlled rate freezer to cryogenic freezer, etc.

Biological products can be loaded into the cart with canes, cryogenic boxes or inventory racks conveniently. A 15-layer square rack can be loaded into the cart. Therefore, it can meet space requirements of most of circumstances.

## Features

- $-150^{\circ}\text{C}$  vapor phase environment for operation or transportation.
- Holdover time up to 8 hours with lid open and 24 hours with lid closed.
- Cover can be magnetically attached on cart for convenient operation.
- Temperature recorder is supplied with cart.
- SUS304 material for easy cleaning.
- Large casters for easy movement

## Specification

Model	CryoCart-II
Performance & Dimensions	
Liquid nitrogen capacity below platform (Liter)	24
Holdover time ( $\leq -150$ ) with cover open (hour)	8
Holdover time ( $\leq -150$ ) with cover closed (hour)	24
External dimensions, L x W x H (mm)	1374 x 539 x 856
Internal dimensions, L x W x H (mm)	1020 x 304 x 400
Platform height (mm)	132
Weight empty (kg)	161
Weight full (kg)	180
Cart body material	SUS304
Data logger	Yes
Liquid nitrogen inflow port	CGA 295
Maximum Capacity	
Number of 81/100-place cryogenic box	30 (15-layer rack x 2 pcs)
Number of 2ml vial	3000
Number of 25ml blood bag	460 (10-place rack x 46 pcs)
Number of 50ml blood bag	340 (10-place rack x 34 pcs)
Number of 250ml blood bag	138 (6-place rack x 23 pcs)
Number of 500ml blood bag	138 (6-place rack x 23 pcs)