

# Cryogenic Cart

## Operation Cold Bench & Transportation Cart

CryoCart-PRO can be used as a portable workbench or transportation cart with -150°C cryogenic vapor protection.

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. The monitoring system displays real-time temperature, liquid level and alarm information.

Biological products can be loaded into the cart with canes, cryogenic boxes or cassettes conveniently. Therefore, it can meet space requirements of most of circumstances.



## Features

- 150°C vapor phase environment for operation or transportation
- Cover can be magnetically attached on cart for convenient operation
- SUS 304 material for easy cleaning
- Large casters for easy movement
- Equipped with an HMI human-machine interactive touch screen
- Important events such as temperature, alarm, liquid level can be monitored in real time
- Various alarms and the alarm information can be stored and exported via USB port



## Specification

| Model                                                 | CryoCart-PRO      |
|-------------------------------------------------------|-------------------|
| Performance & Dimensions                              |                   |
| Liquid nitrogen capacity below platform (Liter)       | 34                |
| Holdover time ( $\leq 150$ ) with cover closed (hour) | 24                |
| External dimensions, L x W x H (mm)                   | 1567 x 550 x 1012 |
| Internal dimensions, L x W x H (mm)                   | 1000 x 295 x 560  |
| Platform height (mm)                                  | 100               |
| Weight empty (kg)                                     | 195               |
| Weight full (kg)                                      | 223               |
| Cart body material                                    | SUS304            |
| Controller                                            | Touch screen      |
| Liquid nitrogen inflow port                           | CGA 295           |
| Maximum Capacity                                      |                   |
| Number of 81/100-place cryogenic box                  | 30                |
| Number of 2ml vial                                    | 3000              |
| Number of Cassette BBC-A                              | 270               |
| Number of Cassette BBC-B                              | 270               |
| Number of Cassette BBC-C                              | 90                |
| Number of Cassette BBC-D                              | 90                |

# Cryogenic Cart

## Operation Cold Bench & Transportation Cart

CryoCart-II can be used as a portable workbench or transportation cart with -150°C cryogenic vapor protection.

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°C vapor phase environment for operation or transportation.
- 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)       | 34                |
| Holdover time ( $\leq$ -150) with cover closed (hour) | 24                |
| External dimensions, L x W x H (mm)                   | 1434 x 550 x 1012 |
| Internal dimensions, L x W x H (mm)                   | 1000 x 295 x 560  |
| Platform height (mm)                                  | 100               |
| Weight empty (kg)                                     | 190               |
| Weight full (kg)                                      | 218               |
| Cart body material                                    | SUS304            |
| Data logger                                           | Yes               |
| Liquid nitrogen inflow port                           | CGA 295           |
| Maximum Capacity                                      |                   |
| Number of 81/100-place cryogenic box                  | 30                |
| Number of 2ml vial                                    | 3000              |
| Number of Cassette BBC-A                              | 270               |
| Number of Cassette BBC-B                              | 270               |
| Number of Cassette BBC-C                              | 90                |
| Number of Cassette BBC-D                              | 90                |