



## MVE XC 33/22

For Specimen Sample Storage - Typically used for storing more samples than the SC Series.

MVE XC Series tanks have capacities ranging from 700-5000 straws and 210 to over 1000 vials. Manufactured to a world-class level of excellence and backed by an industry-leading 5-year vacuum warranty, these durable, lightweight units can be relied on to perform in the most demanding of environments.

### Features Include:

- Designed for large capacity storage
- Low liquid nitrogen consumption
- Tamper - proof, hinged lid
- Locking tab
- High strength neck tube reduces liquid nitrogen loss
- Advanced chemical vacuum retention system
- Insulation to provide maximum thermal performance
- Strong, lightweight aluminum construction
- Spider design for easy retrieval and insertion of product canisters
- Conforms to MDD 93/42/EEC, the Medical Device Directive for the EU

## Product Title

Extra Capacity Cryogenic Sample Storage Dewar

## Manufacturer

Chart Industries

## Specifications

### Maximum Storage Capacity

- Number of Canisters: (6) 11 inch canisters
- 1/2 cc Straws (10 per cane): 1,260
- 1/2 cc Straws (1 Level Bulk): 1,764
- 1/2 cc Straws (2 Level Bulk): N/A
- 1.2 ml & 2.0 ml Vials (5 per cane): 360
- Number of Racks (25 Vials): N/A

### Performance

- LN2 Capacity w/o Inventory: 33.4 liters
- LN2 Capacity w/o Inventory Below Spider:
- Static Evaporation Rate\* (SER): 0.14 liters per day
- Working Duration\*\*: 154 days

### Unit Dimensions

- Neck Opening: 2.75" (70 mm)
- Overall Height: 26.0" (660 mm)
- Overall Inner Height:
- Outer Diameter: 18.2" (464 mm)
- Canister Height: 11" (279 mm)
- Canister Diameter: 2.22" (56 mm)
- Distance: Platform to Top of Neck:
- Weight Empty: 34 lbs. (15.4 kg)
- Weight Full: 94.0 lbs. (42.5 kg)