



MVE XC 43/28

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

This unit comes with a cork and cover assembly and (6) 11" hanging canisters. All other accessories sold separately.

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):
- 1.2 ml & 2.0 ml Vials (5 per cane): 360
- Number of Racks (25 Vials):

Performance

- LN2 Capacity w/o Inventory: 42.2 liters
- LN2 Capacity w/o Inventory Below Spider:
- Static Evaporation Rate* (SER): 0.14 liters per day
- Working Duration**: 193 days

Unit Dimensions

- Neck Opening: 2.75" (70 mm)
- Overall Height: 26.4" (670 mm)
- Overall Inner Height:
- Outer Diameter: 20.0" (508 mm)
- Canister Height: 11" (279 mm)
- Canister Diameter: 2.22" (56 mm)
- Distance: Platform to Top of Neck:
- Weight Empty: 36 lbs. (16.4 kg)
- Weight Full: 111.0 lbs. (50.5 kg)