



MVE XC 20

New Program MVE

Made in USA



MVE Millennium 2000
XC 20

CHART
Minnesota, USA

MVE Signature XC 20

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

MVE Signature XC 20 | Part Number 20997986

Engineered specifically for farm use / Precision manufacturing design

Includes cork/cover and (6) 11" hanging canisters

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.

XC 20 Signature includes: Bend Don't Break™ & Semen Safe™ Durability features

Bend Don't Break™: After 2 years in concept testing, the new XC 20 Signature includes a new top head shape which deforms in order to absorb G-force damage to the neck area. This increases the durability of the XC20 Signature and will make the tank more robust to MINIMIZE the mishandling of transport damage. Although the bend concept allows for visible outside evidence that has been tipped or dropped during transport, it will be more resilient and less likely to break, minimizing the chances of product loss.

Semen Safe™: With extensive testing the new SC 20 Signature will include a stronger composite neck that is 20% stronger than the old design. This feature will allow the neck to be less susceptible to G-force damage during mishandling of transport damage in order to increase the durability of the XC 20 Signature. When combined with BEND DON'T BREAK™ it should minimize semen losses, which are the result of transport damage. While we've maintained the "form, fit, and function" of the MVE 20 Millennium design, SEMEN SAFE™ increases the durability of the tanks.

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): 660
- 1/2 cc Straws (1 Level Bulk): 879
- 1/2 cc Straws (2 Level Bulk): 1,680
- 1.2 ml & 2.0 ml Vials (5 per cane): 210
- Number of Racks (25 Vials): N/A

Performance

- LN2 Capacity w/o Inventory: 20.5 liters
- LN2 Capacity w/o Inventory Below Spider: N/A
- Static Evaporation Rate* (L/day): 0.090 liters per day
- Working Duration**: 142 days

Unit Dimensions

- Neck Opening: 2.18" (55.4 mm)
- Overall Height: 26.0" (660 mm)
- Outer Diameter: 14.5" (368 mm)
- Canister Height: 11/5" (279/127 mm)
- Canister Diameter: 1.69/1.65" (42.9/41.9 mm)
- Weight Empty: 22 lbs. (10 kg)
- Weight Full: 58.4 lbs. (26.5kg)