CMSH 500 LHe Container

- No liquid nitrogen shielding or helium gas circulation required
- Lightweight but rugged construction stands up to trucking and everyday abuse
- Suitable for air transport
- All welded construction
- Lowest loss rates in the industry
- All units equipped with integral caster base
- Easily removable and interchangeable manifolds
- Suitable for neon and all other liquid gases
- Applications include distribution, research and liquefaction
- Two-year warranty on vacuum
- All vessels available with ASME • DOT • TPED • IATA • PED

### Available Options:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-1</td>
<td>Liquid Valve</td>
</tr>
<tr>
<td>V-2</td>
<td>Vent Valve</td>
</tr>
<tr>
<td>V-3</td>
<td>Isolation Valve</td>
</tr>
<tr>
<td>RD-1</td>
<td>Rupture Disk*</td>
</tr>
<tr>
<td>RV-1</td>
<td>Relief Valve, 15 PSI</td>
</tr>
<tr>
<td>RV-2</td>
<td>Relief Valve, 10 PSI</td>
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<tr>
<td>RV-3</td>
<td>Pressure Control Valve, .5 PSI</td>
</tr>
<tr>
<td>PI-1</td>
<td>Compound Pressure Gauge 30° Hg-0-15 PSI</td>
</tr>
</tbody>
</table>

*Only on capacities 200 Liters and greater.

### CMSH 500 LHe Container Specifications:

- Net Capacity: 500 L
- Gross Capacity: 538 L
- Weight (Empty): 255.5 kg / 562 lbs
- Material of Construction: 304 Stainless Steel
- N.E.R. (Normal Evaporation Rate): .7 %
- Operating Pressure: 69 kPa / 10 PSI
- Design Pressure: 172.5 kPa / 25 PSI
- Neck ID: 53.4 mm / 2.10"
- Depth (Flange to Bottom): 1399 mm / 55"
- Outside Overall Diameter: 1069 mm / 42"
- Height: 1857 mm / 75"
- Maximum Transfer Line O.D.: 19 mm / 3/4"
- Minimum Transfer Line O.D.: 9.5 mm / 3/8"
- Transfer Line Length For Withdrawal: 1679 mm / 66"
- Minimum Fill Lance Length: 814 mm / 32"
- Caster Size: 127 mm / 5"
- Vent Connection (MNPT): 1/2"
- Design Pressure: 2 172.5 kPa / 25 PSI
- Necks: 53.4 mm / 2.10"
- Depth (Flange to Bottom): 1399 mm / 55"
- Material: Stainless Steel
- N.E.R.: .7 %
- Operating Pressure: 69 kPa / 10 PSI
- Design Pressure: 172.5 kPa / 25 PSI

- Differential Pressure
- Liquid Level Gauges
- Super Conducting Liquid Level Systems
- Flow Meters
- Electric Pressure Building Systems
- Absolute Relief Valve For Air Transport
- Built-in Vacuum Jacketed Withdrawal Valve
- Larger Neck Openings
- Auxiliary Side Neck
- Outboard Casters with Pull Handle
- Locking Casters: Wing Lock Pedal Lock

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1. Contingent upon countries of use
2. Consult factory, sales at cryofab.com