CMSH 1000 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 • IATA1 • 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>
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<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>
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<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.

Net Capacity | 1000 L | 1000 L |
Gross Capacity | 1074 L | 1074 L |
Weight (Empty) | 409 kg | 900 lbs |
Material of Construction | 304 Stainless Steel | 304 Stainless Steel |
N.E.R. (Normal Evaporation Rate) | .5 % | .5 % |
Operating Pressure | 69 kPa | 10 PSI |
Design Pressure² | 103.4 kPa | 15 PSI |
Neck ID | 53.4 mm | 2.10" |
Depth (Flange to Bottom) | 1552 mm | 61" |
Outside Overall Diameter | 1374 mm | 54* |
Height | 1981 mm | 78* |
Maximum Transfer Line O.D. | 19 mm | 3/4" |
Minimum Transfer Line O.D. | 9.5 mm | 3/8" |
Transfer Line Length For Withdrawal | 1832 mm | 72* |
Minimum Fill Lance Length | 814 mm | 32* |
Caster Size | 153 mm | 6" |
Vent Connection (MNPT) | | 1/2" |

- 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
- Locking Casters (Wing Style)

sales@cryofab.com | 1-800-426-2186   1. Contingent upon countries of use   2. Consult factory, sales at cryofab.com