



International Cryogenics, Inc.

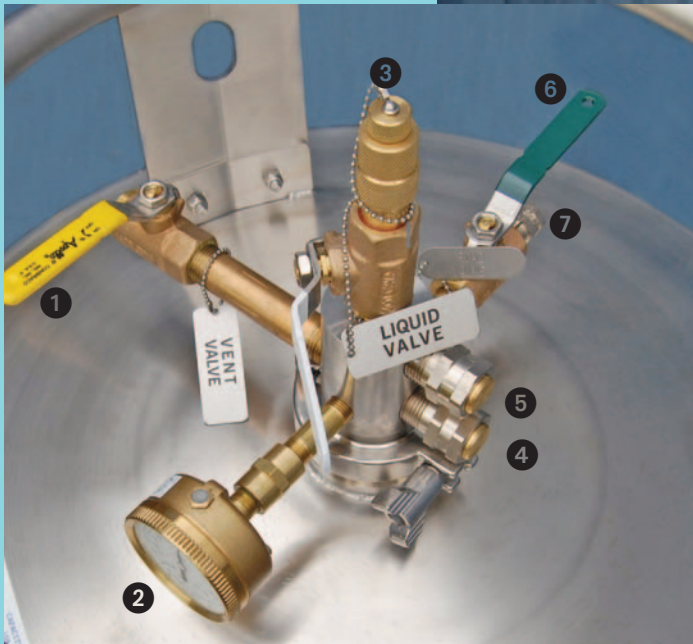
Innovators in cryogenic dewars and transfer equipment

IC Series Liquid Helium

Transport/Storage Container

Features

- Non-magnetic construction
- 30, 60 and 100 Liter containers come with a demountable roller base for easier truck transport
- Easily removable manifolds
- Suitable for air transport
- Two-year vacuum warranty



Manifold Assembly

1. Vent valve
2. Pressure gauge
3. Withdrawal valve
4. Secondary relief valve
5. Primary relief valve
6. Road valve
7. In-transit relief valve



Options

- Locking casters
- Larger diameter neck openings
- Top housing can be modified for use with liquefier
- Absolute pressure relief valves for air transport
- Battery operated superconducting liquid level indicator
- Vacuum jacketed transfer lines in a variety of sizes.
- Dewar stingers in a variety of sizes 3/8" to 5/8" diameter dip tubes

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Liquid Helium Transport/Storage Container Specifications

The International Cryogenics line of liquid helium transport/storage containers are designed for transporting, storing and dispensing liquid helium with assured safety. The standard containers may also be ordered with modifications such as larger neck openings, dual fill ports and absolute pressure relief valves for air transport. IC containers offer superior thermoshielding insulation system for minimum liquid helium loss rates. The result is quicker and more efficient cool-down.

All International Cryogenics liquid helium transport/storage container models and sizes shown below are manufactured at our Indianapolis, Indiana manufacturing facility. Our strict quality control governs every step of our manufacturing process to ensure years of trouble-free performance, fully backed by our 2-year vacuum warranty.

Specifications	IC-30	IC-60	IC-100	IC-250	IC-500
Model Number	22-7902	22-8916	22-8911	22-8922A	22-8952A
Capacity, Liters	36	70	110	275	550
Boil-off Rates	2.75%	1.75%	1.25%	1.0%	1.0%
Overall Height in. mm	44" 1,117mm	46" 1168mm	56" 1,422mm	69" 1,752mm	72" 1,829mm
*Overall Height with , Demountable Roller Base in. mm	48" 1,219mm	50" 1,270mm	60" 1,524mm	N/A N/A	N/A N/A
Body Diameter, in. mm	20" 508mm	24" 609mm	24" 609mm	32" 813mm	42" 1067mm
Empty Weight, lbs kg	110 lbs 50 kg	160 lbs 73 kg	190 lbs 86.5 kg	395 lbs 179.5 kg	675 lbs 307 kg
Empty Weight with , Demountable Roller Base lbs kg	125 lbs 57 kg	175 lbs 79.5 kg	205 lbs 93 kg	N/A N/A	N/A N/A
Transfer Line Fittings	3/8" or 1/2"			3/8", 1/2", 5/8", 3/4"	

For complete details on available accessories for our liquid helium transport and storage containers please see our **Transfer Lines / Stingers** page.



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