

CH SERIES LIQUID HELIUM STORAGE VESSELS

The CH Series of liquid helium dewars have been designed to meet the exacting requirements of ultra-low temperature applications in research and industry. Wessington Cryogenics also offer a bespoke design service throughout the CH range ensuring our customers have the option of a dewar that exactly meets their requirements.

Features:-

- All stainless steel construction
- Dual relief manifold for enhanced safety
- Removable top manifold to facilitate the safe use of customer inserts
- Wide neck versions suitable for immersion applications
- Choice of siphon entry ports
- Valve protection ring handle
- Mounted on high quality stainless steel castors, 2 with brake arrangement
- Fork lift pockets on CH-250, CH-500 & CH-1000
- TPED: approved for the transportation of liquid on public highways throughout Europe
- Non European approvals available on request
- Air transportable versions available

Technical data	CH-30	CH-60	CH-120	CH-250	CH-500	CH-1000
Capacity (ltrs)	30	60	120	250	500	1000
Diameter (mm)	540	640	640	850	1050	1400
Height (mm)	1175	1250	1560	1625	1887	2012
Neck size	NW50KF	NW50KF	NW50KF	NW50KF	NW50KF	NW50KF
Weight empty (kg)	56	74	99	220	300	570
Weight full (kg)	60	81	114	251	362	611
Max pressure (psi)	7	7	7	7	7	7
Static evaporation rate (% per day)	2.8	1.7	1.2	0.8	0.6	0.5

Accessories and services:-

Comprehensive range of accessories including – superconducting level meters, siphon glands, dip sticks, heaters, bladders and a wide range of PPE. Please ask for further details.

Training courses in the safe operation of Wessington Cryogenics products available.

Factory fit accessories/features:-

- Alternative neck sizes
- Tail extensions
- Choice of top entry ball valve or siphon gland
- Second entry gland for level probe
- Bespoke design service
- Air transportable versions available
- Larger neck and liquefier designs available



LIQUID HELIUM AIR TRANSPORT MODELS

Suitable for air transport. Fitted with absolute pressure relief valve.
Reduced heights. Fork liftable. Crane lifting eyes.

Technical Data	CH-250(S)	CH-400(S)
Capacity (ltrs)	250	400
Diameter (mm)	850	1050
Height to sealing gland (mm)	1520	1550
Neck diameter (mm)	50	50
Weight empty (kg)	155	222
Weight full (kg)	186	272
Max pressure (psi)	7	7
Static evaporation rate (% per day)	1.25	1.0