



SinoCleansky
Gas Container & Solution

SinoCleansky Helium Dewar

SinoCleansky Ultra Helium Dewars are designed and built for reliable transport. They are light, maneuverable and durable, while providing superior thermal performance. The unique neck tube design provides proven support during transportation. The outboard caster base provides maximum stability in a compact design.

Available in sizes ranging from 30 to 1000 liters. The Ultra Helium Dewars are suitable for air transport (IATA conforming) with the optional absolute pressure relief valve. All models are 100% non-magnetic for Magnetic Resonance Imagery (MRI) service.

Product Introduction

- Technology: High-vacuum multi-layer insulation plus cold shield design
- Manufacturing Standard: ASME
- Water Capacity: 36L, 66L, 110L, 275L, 550L, 1074L, etc
- Valve and Meters: Apollo, Generant, Wika, etc

SinoCleansky Helium Dewar Features

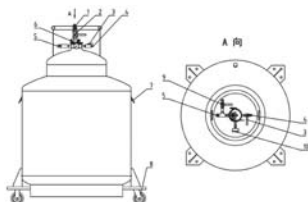
- Higher performance super insulation:
 - High-vacuum multi-layer insulation plus cold shield design ensure lowest Helium vapor loss.
 - High Effective vacuum maintenance technology and 3-year vacuum guarantee shows high quality and no worry for the longtime usage.
- High-level configuration:
 - Configure international famous brand for the valves and meters.
- Complete specifications
 - Wide range of options for the effective capacity: from 30L to 1000L.
 - Personalized Customized
- Reasonable Design
 - Lightweight but rugged construction secures frequently transport and liquid filling.
 - The Large-size full-diameter ball valve allows various size of standard transfer hose, include the biggest one 3/4"(19mm).
- Easy operation:
 - The standard valve and extraction liquid mouth are installed on the top of the dewar, which bring a great convenience for the user.
- Widely Application:
 - 100% non-magnetic design makes it perfectly applied in nuclear magnetic resonance (NMR).
 - Customized absolute relief valve allows the application for air transport.





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Configuration table



- 1.Extraction liquid mouth
- 2.Extraction liquid ball valve
- 3.V type Embrace hoop
- 4.Auxiliary safety valve
- 5.Main relief valve
- 6.Two stage safety valve
- 7.Stealth shake handhandle
- 8.Castor
- 9.Main vent ball valve
- 10.Pressure gauge

Typical Types								
Type	Unit	SCS- HD 30	SCS- HD 60	SCS- HD 100	SCS- HD 250	SCS- HD 400	SCS- HD 500	SCS- HD 1000
Capacity								
Full volume	L	36	66	110	275	440	550	1074
Effective volume	L	30	60	100	250	400	500	1000
Performance								
Evaporation rate	%/day	2.75	1.75	1.25	1.0	1.0	1.0	0.5
Main relief valve relief pressure	Psi/Bar	10/0.7						
Two stage relief valve relief pressure	Psi/Bar	12/0.8						
Auxiliary relief valve relief pressure	Psi/Bar	1/0.07						
Dimension								
Outer diameter	mm	508	606	606	856	1108	1108	1310
Height	mm	1227	1311	1541	1685	1643	1792	2008
Castor number	mm	4	4	4	4	4	4	4
Castor size	mm	100	100	100	125	125	125	150
Cervical canal diameter	mm	36.2	36.2	36.2	73.6	73.6	73.6	73.6
Extraction liquid tube diameter (MXM)	mm	12.7	12.7	12.7	19	19	19	19
Extraction liquid tube diameter (MIN)	mm	9.5	9.5	9.5	12.7	12.7	12.7	12.7
Extraction liquid tube depth	mm	832	902	1132	1320	1267	1417	1632
Vent Connection (MNPT)	1/2"							
Weight								
Tare weight	Kg	59	94	108	185	236	256	480
Full weight load	Kg	62	101	233	216	286	318	605
Remark: 1.The depth of the suction pipe is measured from the top flange to the bottom of the inner bottom head 2.Airworthy models specs to be provided.								

Accessories

Various kinds of Valves, Transfer Hose and Cryenco to Linda Bayonet Adapt meet your kinds of liquid Helium application requirement. Customization available.

