

CRIOLIQ 25 e CRIOGAS 25

(MEDIUM PRESSURE CRYOGENIC DEWARs)

CRIOLIQ :Liquid withdrawal dewar, *CRIOGAS* :Gas withdrawal dewar

TECHNICAL SPECIFICATION :

- High performance : low evaporation rate, maximum dewar reliability and durability
- Stainless steel vessel designed to provide long life, ideal for liquid nitrogen, oxygen, argon and CO₂ storage and transport
- Lowest evaporation rate thanks to High vacuum and thermal insulation
- Supplied with pressure building circuit and regulator kit fitted as standard
- Designed and built according to ADR and TPED directives. Delivered with the relative declaration of conformity.
- Inner vessel internally accessible for easy inspection and cleaning
- Max 10 m³/h gas withdrawal with easy operating globe valve (CRIOGAS Model)

OPTIONAL DEVICES :

- Pressure indicator with 4 ÷ 20 mA transmitter
- Barton differential pressure level indicator
- Level indicator with GSM device

ACCESSORIES :

- Handling trolley
- Filling and emptying cryogenic pipeline with security valve
- Outlet connection by client requirements

CUSTOMIZATION :

- Our cryogenic cylinders can have different volumes from the standard and they can be personalized on specific client requirements

ASSISTANCE :

HVM ensures fast and complete service thanks to an assorted spare parts stock in Livorno, all the spare parts are also available for sale.

WARRANTY :

Standard : the one year-old guarantee covers all the mechanical parts and the vacuum under normal used condition

Extension : is possible to extend the vacuum guarantee till 5 year-old



CRIOLIQ 25 e CRIOGAS 25

Specifications	Ext. diameter	Max operative pressure	VS1* calibration	VS2 calibration
CRIOLIQ25	500 mm	25 bar	1 ÷ 25 bar	25 bar
CRIOGAS25	500 mm	25 bar	1 ÷ 25 bar	25 bar

* secondo richiesta del cliente

Technical Specifications

Model	Capacity					
	220	200	180	160	120	60
CRIOLIQ 25						
Overall height (mm)	1870	1740	1610	1480	1255	860
Weight (empty) (Kg)	154	144	134	124	104	74
Total weight - Nitrogen (Kg)	329	303	277	252	200	122
Total weight - Oxygen (Kg)	401	369	336	304	239	142
Total weight - Argon (Kg)	456	418	381	344	269	157
Capacity (litri)	221	201	181	161	121	61
Net Capacity (litri)	216.6	197.0	177.4	157.8	118.6	59.8

Model	Capacity					
	220	200	180	160	120	60
CRIOGAS 25						
Overall height (mm)	1870	1740	1610	1480	1255	860
Weight (empty) (Kg)	166	156	146	135	115	85
Total weight - Nitrogen (Kg)	341	315	289	263	211	133
Total weight - Oxygen (Kg)	413	381	348	315	250	153
Total weight - Argon (Kg)	468	430	393	355	280	168
Capacity (litri)	221	201	181	161	121	61
Net Capacity (litri)	216.6	197.0	177.4	157.8	118.6	59.8
Max. gas withdrawal (m ³ /h)	10	10	9	8	5	2

NORMAL EVAPORATION RATE (%) **						
Nitrogen	1.7	1.75	1.8	1.95	2.1	4.4
Oxygen	1.1	1.1	1.2	1.3	1.4	2.9
Argon	1.2	1.2	1.3	1.4	1.5	3.1

** Test performed at the saturation pressure of 0 bar at room temperature.

HVM can make changes, as a result of technical improvements, without notice.

High Vacuum Maintenance S.r.l.

Viale Padre Nicola Magri, 112 - 57121 Livorno (LI) Tel. (+39) 0586 867485 - Fax (+39) 0586 856249
Email info@hvm-ll.com Web hvm-ll.com