

CRIOLAB 4

(LOW PRESSURE WHEELED CRYOGENIC DEWARs)

TECHNICAL SPECIFICATION :

- Dewar with liquid or gas withdrawal, capacity from 60 to 220 L
- High performance : low evaporation rate, maximum dewar reliability and durability
- Stainless steel vessel designed to provide long life, ideal for liquid nitrogen, oxygen and argon storage and transport
- Lowest evaporation rate thanks to High vacuum and thermal insulation
- Supplied with pressure building circuit and regulator kit fitted as standard
- Tank with No. 4 castors (No. 2 with brakes) for easy movement
- 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

OPTIONAL DEVICES :

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

ACCESSORIES :

- Handling trolley
- Filling/use cryogenic hose 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



CRIOLAB 4	Ext. diameter	Max operative pressure	VS1* calibration	VS2 calibration
Specifications	550 mm	4 bar	1 ÷ 4 bar	4 bar

* depending on client requirements

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Technical Specifications

Model	Capacity					
	220	200	180	160	120	60
Overall height (mm)	1721	1618	1515	1412	1206	897
Weight (empty) (Kg)	113	108	101	96	85	69
Total weight - Nitrogen (Kg)	290	270	247	226	184	121
Total weight - Oxygen (Kg)	363	336	308	280	224	142
Total weight - Argon (Kg)	418	387	353	320	255	158
Capacity (litri)	223.6	204.2	184.8	164.4	124.6	65.5
Net Capacity (litri)	219.1	200.1	181.1	161.1	122.1	64.2

NORMAL EVAPORATION RATE (%) **						
Nitrogen	1.4	1.5	1.5	1.6	2.1	3.6
Oxygen	0.9	1.0	1.0	1.1	1.4	2.4
Argon	1.0	1.1	1.1	1.2	1.5	2.6

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

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.

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