

# CRIOMEGA 8

(BIG CAPACITY CRIOGENIC DEWARS)

## 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 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
- 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 :

- 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

## CRIOMEGA 8

<b>CRIOMEGA 8</b>	<i>Ext. diameter</i>	<i>Max operative pressure</i>	<i>VS1* calibration</i>	<i>VS2 calibration</i>
<i>Specifications</i>	900 mm	8 bar	1 ÷ 8 bar	8 bar

\* depending on client requirements

### Technical Specifications

Model	Capacity	
CRIOMEGA 8	450	600
<i>Overall height (mm)</i>	1.520	1.820
<i>Weight (empty) (Kg)</i>	280	322
<i>Total weight - Nitrogen (Kg)</i>	649	809
<i>Total weight – Oxygen (Kg)</i>	801	1009
<i>Total weight - Argon (Kg)</i>	906	1151
<i>Capacity (litri)</i>	465.9	614.7
<i>Net Capacity (litri)</i>	456.6	602.4

NORMAL EVAPORATION RATE (%) **		
<i>Nitrogen</i>	1.3	1.0
<i>Oxygen</i>	0.8	0.6
<i>Argon</i>	0.9	0.7

\*\* 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.*