

# CRIMINI 8

(COMPACT LOW PRESSURE CRYOGENIC DEWARS)

## TECHNICAL SPECIFICATION :

- Compact dewar with liquid or gas withdrawal, capacity from 10 to 70 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
- 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/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

## CRIOMINI 8

### Technical Specifications

CRIOMINI 8	<i>Ext. diameter</i>	<i>Max operative pressure</i>	<i>VS1* calibration</i>	<i>VS2 calibration</i>
<i>Specifications</i>	350 mm	8 bar	1 ÷ 8 bar	8 bar

\* depending on client requirements

Model	Capacity			
CRIOMINI 8	10	30	NORMAL EVAPORATION RATE (30 L) (Kg/day) <sup>2)</sup>	
<i>Overall height (mm)</i>	595	925	<i>Nitrogen</i>	1.20
<i>Weight (empty) (Kg)</i>	25	34	<i>Oxygen</i>	1.03
<i>Total weight - Nitrogen (Kg)</i>	34	59	<i>Argon</i>	1.39
<i>Total weight – Oxygen (Kg)</i>	38	70		
<i>Total weight - Argon (Kg)</i>	40	78		
<i>Capacity (litri)</i>	11.3	32.0		
<i>Net Capacity (litri)</i>	11.0	31.4		
<i>Max. gas withdrawal (m<sup>3</sup>/h)</i>	-	1.2 <sup>1)</sup>		

1) – Maximum gas withdrawal without pressure building system

2) - Test performed at the saturation pressure of 0 bar at room temperature.

CRIOMINI 8 SETTING			
<i>CAPACITY (litri)</i>	<i>WITHDRAWAL</i>	<i>STANDARD SETTING</i>	<i>OPTIONAL DEVICE</i>
30	GAS	Liquid evaporation coil	Pressure building system
30	LIQUID	Pressure building system	-
10	LIQUID	Pressure building system	-

#### 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.