

CRIOMINI 15

(COMPACT MEDIUM 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
- 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 building and regulator system
- 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

CRIOMINI 15

Technical Specifications

CRIOMINI 15	<i>Ext. diameter</i>	<i>Max operative pressure</i>	<i>VS1* calibration</i>	<i>VS2 calibration</i>
<i>Specifications</i>	350 mm	15 bar	1 ÷ 15 bar	15 bar

* secondo richieste del cliente

Model	Capacity		NORMAL EVAPORATION RATE (30 L) (Kg/day) ²⁾	
CRIOMINI 15	10	30		
<i>Overall height (mm)</i>	595	925	<i>Nitrogen</i>	1.30
<i>Weight (empty) (Kg)</i>	29	37	<i>Oxygen</i>	1.11
<i>Total weight - Nitrogen (Kg)</i>	38	62	<i>Argon</i>	1.50
<i>Total weight – Oxygen (Kg)</i>	41	72		
<i>Total weight - Argon (Kg)</i>	44	80		
<i>Capacity (litri)</i>	11.1	31.8		
<i>Net Capacity (litri)</i>	10.8	31.1		
<i>Max. gas withdrawal (m³/h)</i>	-	1.2 ¹⁾		

1) – Maximum gas withdrawal without pressure building system

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

CRIOMINI 8 SETTING			
CAPACITY (litri)	WITHDRAWAL	STANDARD SETTING	OPTIONAL DEVICE
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.