

XL Series

Gas and Liquid Withdrawal

Medium pressure XL-45

High pressure XL-45HP

Very high pressure XP-45

Liquid or Gaseous Nitrogen, Oxygen, Argon



Model	XL-45	XL-45HP	XP-45
크 기			
- 직경	508 mm	508 mm	660 mm
- 높이	1562mm	1599mm	1549mm
- 중량	116 kg	122 kg	141 kg
Empty(Nominal)			
총 용량	180 liters	176 liters	175 liters
사용 가능한 액체 용량	169 liters	165 liters	165 liters
내용물의 최대 중량			
- 산 소	176 kg	189 kg	161 kg
- 질 소	124 kg	133 kg	112 kg
- 알 곤	214 kg	229 kg	197 kg
정상 기화율(NER)* (용량의 일일당 %)			
- 산소, 알곤	1.2%	1.4%	1.4%
- 질소	1.9%	2.2%	2.2%
가스 흐름율			
산소, 질소, 알곤	9.2 cu.m/h	9.2cu.m/h	9.2cu.m/h
Relief Valve Setting	230 psig	350 psig	450 psig
1 차 스프링식 안전밸브	(16 bar)	(24 bar)	(31 bar)
Inner Vessel Burst Disc	380 psig	525 psig	675 psig
2 차 파열판식 안전변	(26 bar)	(36 bar)	(46.6 bar)
Dual Pressure Building/ Economizer Regulator***			
Pressure Building Setting	125 psig (8.6 bar)	300 psig (20.7 bar)	400 psig (27.5 bar)
Economizer Setting	145 psig (10 bar)	320 psig (22 bar)	420 psig (29 bar)
설계 규격			
- TC	4 LM	4 LM	4 LM
- DOT	4L	4L	4L
가스용량 (DOT 기준)	@NTP (STP)	@NTP (STP)	@NTP (STP)
- 산소	123 cu.m	132 cu.m	113 cu.m
- 질소	99 cu.m	106 cu.m	90 cu.m
- 알곤	120 cu.m	128 cu.m	110 cu.m

주) 상기 규격은 사전 통고 없이 변경될 수 있음.

- (1) Vented N.E.R based on usable liquid capacity
 (2) Container pressure at or above factory pressure/economizer regulator setting
 (3) Regulator has a pressure delta of 20 psig (1.4 bar/138 kPa)

L Series

Liquid Withdrawal

Low pressure XL-160 and XL-240

Liquid Nitrogen or Liquid Oxygen

- Rugged, easy to maneuver and versatile
- Designed for low pressure filling, storing and dispensing
- Simple, quick liquid withdrawal
- Sizes for every need, from small volume to frequent usage
- Oxygen service and pressure-building capabilities available



Part/Model No.	XL-160	XL-240
Dimensions		
Diameter in. (mm)	20 (508)	26 (660)
Height in. (mm)	57 5/8 (1464)	59 1/2 (1511) ⁴
Weight		
Empty lb. (kg) (Nominal)	197 (89)	N/A
5 Caster Base lb. (kg)	N/A	375 (170)
4 Caster Base (square base)	N/A	445 (202kg)
Maximum Liquid Capacity (liters)	163	250
Usable Liquid Capacity (liters)	160	240
Normal Evaporation Rate ¹ % Capacity/Day		
Oxygen	N/A	0.9%
Nitrogen	1.3%	1.4%
Argon	N/A	N/A
Carbon Dioxide	N/A	N/A
Nitrous Oxide	N/A	N/A
Dual Pressure Building/Economizer Regulator ³		
Pressure Building Setting	N/A	15 psig ⁵
	N/A	(1 bar/103 kPa)
Economizer Setting	N/A	N/A
	N/A	N/A
Design Specification		
TC N/A	4LM	4LM
DOT	4L	4LM
Rated DOT Service Pressure	100 psig	100 psig
Safety Devices		
Pressure Relief Valve	22 psig (1.5 bar/152 kPa)	22 psig (1.5 bar/152 kPa)
Inner Container Bursting Disc	176 psig (12 bar/1213 kPa)	176 psig (12 bar/1213 kPa)
Weight of Contents Based on DOT-Rated Service Pressure		
Oxygen lb. (kg)	N/A	563 (255)
Nitrogen lb. (kg)	259 (117)	394 (179)
Argon	N/A	N/A
Carbon Dioxide	N/A	N/A
Nitrous Oxide	N/A	N/A

Specifications subject to change without notice.

(1) Vented N.E.R based on usable liquid capacity

(2) Container pressure at or above factory pressure/economizer regulator setting

(3) Regulator has a pressure delta of 20 psig (1.4 bar/138 kPa)

(4) 5-caster base used for weight and height measure.

For 4-caster base square base with handle, add approx. 70 lb (32 kg) and 1/2 inch (12.7 mm)

(5) L-240 available with or without pressure building capabilities. L240-OC04 for oxygen service employs a single action regulator set at 90 psig (6 bar/621 kPa)