



Taylor-Wharton
Since 1742

Liquid Cylinder XP-45



XP-45 Series ideal for handling a wide variety of gases or liquefied gases with following features and benefits :

- Automatic dual pressure building / economizer regulator.
- Equipped with an internal vaporizer.
- State-of-the-art safety features
- Increased maximum allowable working pressure of 450 psig (31 bar).
- Ideal for laser cutting and other high pressure application.

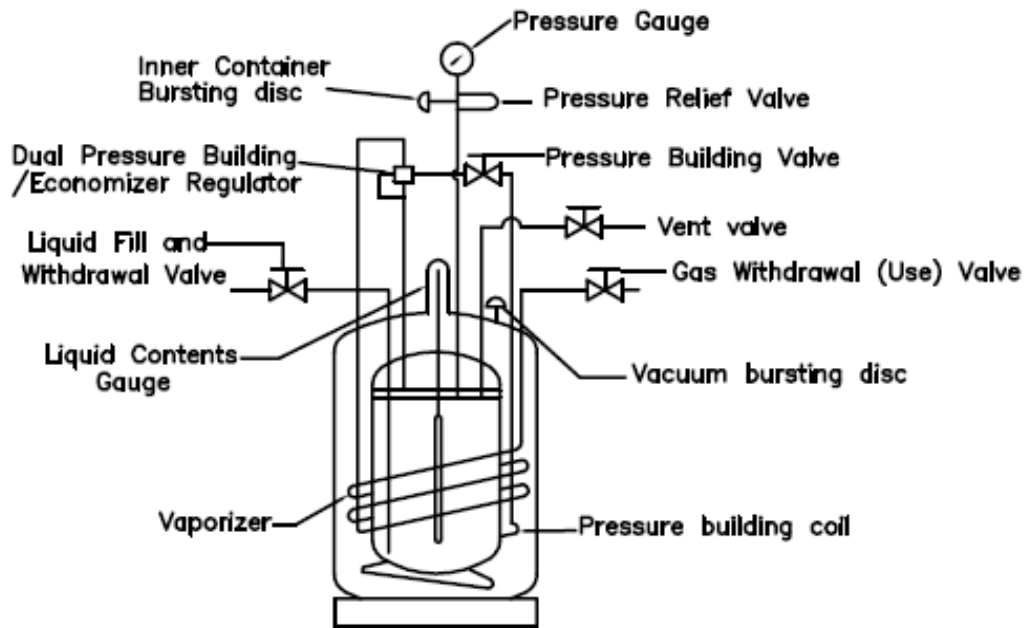
Model	XP-45	XP-45 WOV
Dimensions		
Diameter	in. (mm) 20 (508)	20 (508)
Height	in. (mm) 59 (1499)	59 (1499)
Weight Empty	lb. (kg) (Nominal) 315 (143)	245 (111)
Gross Capacity	liters 175	175
Usable Liquid Capacity	liters 165	165
Weight of Contents Maximum, lb. (kg) – based on DOT Rated Service Pressure		
Oxygen	351 (159)	351 (159)
Nitrogen	236 (107)	236 (107)
Argon	428 (194)	428 (194)
Carbon Dioxide	379 (172)	379 (172)
Gaseous Capacity - base on DOT Rated Service Pressure @ cu.ft. (cu.m)		
Oxygen	4350 (114)	N/A
Nitrogen	3478 (91)	N/A
Argon	4236 (111)	N/A
Carbon Dioxide	3383 (89)	N/A
Normal Evaporation Rate ⁽¹⁾ % Capacity / Day		
Oxygen, Argon	1.4%	1.4%
Nitrogen	2.2%	2.2%
Carbon Dioxide, Nitrous Oxide	0.75%	0.75%
Gas Flow Rate & NTP (STP), cfh (cu. m/h)		
Oxygen, Nitrogen, Argon	350 (9.2)	N/A
Carbon Dioxide	150 (3.9)	N/A
Nitrous Oxide	110 (2.9)	N/A
Relieve Valve Setting	psig 450	450
	bar (kPa) 31.0 (3100)	31.0 (3100)
Inner Container Bursting Disc	psig 675	675
	bar (kPa) 46.6 (4655)	46.6 (4655)
Design Specifications		
TC	4LM	4LM
DOT	4L	4L

*specification subject to change without notice

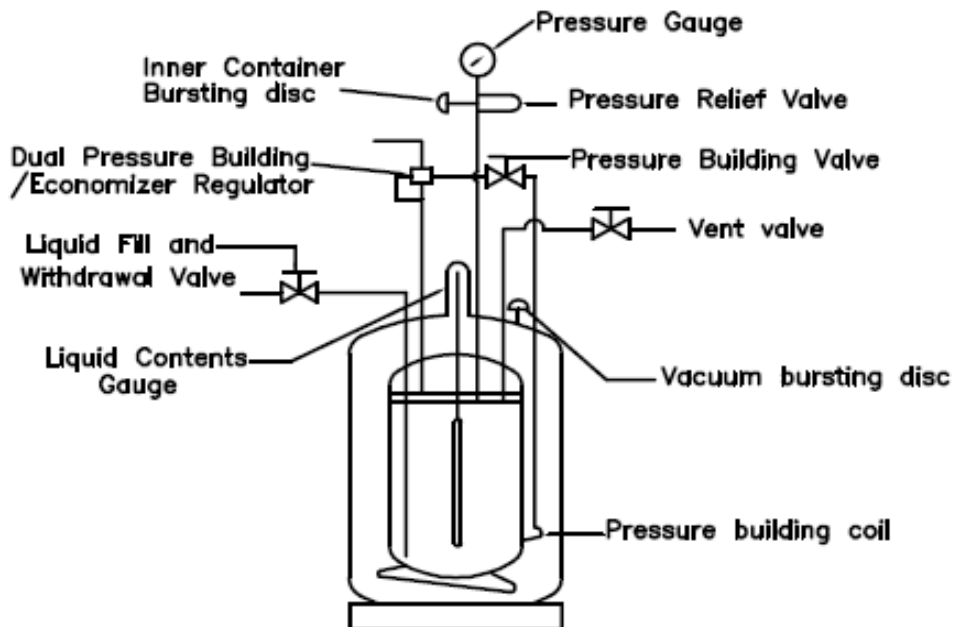
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Flow Diagram XP-45



Flow Diagram XP-45 WOV



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