



Taylor-Wharton

Equipping The Hydrogen Infrastructure

Liquid Cylinder XP-45

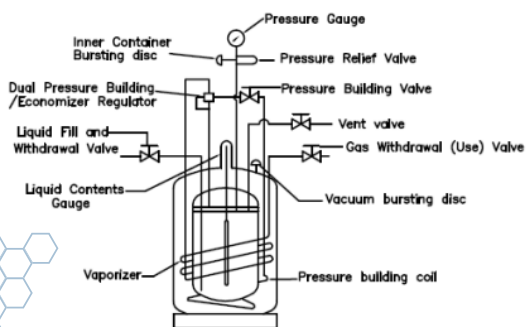
XP-45 Series ideal for handling a wide variety of gases or liquefied gases with following features and benefits :

Features & Benefits

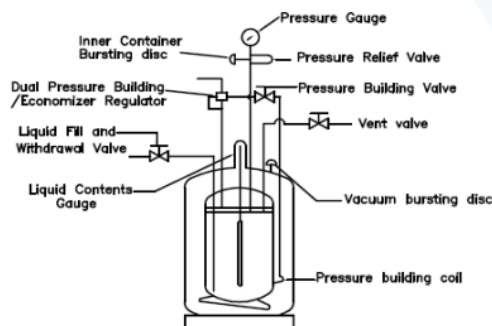
- Automatic dual pressure building / economizer regulator.
- Equipped with an internal vaporizer.
- State-of-the-art safety features
- Increased maximum allowable working pressure of 450 psig (31 bar).
- Ideal for laser cutting and other high pressure application.



Flow Diagram XP-45



Flow Diagram XP-45 WOV



Specifications

	Model	XP-45	XP-45 WOV
Diameter	in (mm)	20 (508)	20 (508)
Height	in (mm)	59 (1499)	59 (1499)
Weight Empty	lb. (kg) (Nominal)	315 (143)	315 (143)
Gross Capacity	liters	175	175
Usable Liquid Capacity	liters	165	165
Weight of Contents Max. Oxygen	lb. (kg) - based on DOT Rated Service Pressure	351 (159)	351 (159)
Weight of Contents Max. Nitrogen	lb. (kg) - based on DOT Rated Service Pressure	236 (107)	236 (107)
Weight of Contents Max. Argon	lb. (kg) - based on DOT Rated Service Pressure	428 (194)	428 (194)
Weight of Contents Max. Carbon Dioxide	lb. (kg) - based on DOT Rated Service Pressure	379 (172)	379 (172)
Gaseous Capacity Oxygen	cu.ft (cu.m) - based on DOT Rated Service Pressure	4350 (114)	N/A
Gaseous Capacity Nitrogen	cu.ft (cu.m) - based on DOT Rated Service Pressure	3478 (91)	N/A
Gaseous Capacity Argon	cu.ft (cu.m) - based on DOT Rated Service Pressure	4236 (111)	N/A
Gaseous Capacity Carbon Dioxide	cu.ft (cu.m) - based on DOT Rated Service Pressure	3383 (89)	N/A
Normal Evaporation Rate Oxygen, Argon	% Capacity/Day	1.4%	1.4%
Normal Evaporation Rate Nitrogen	% Capacity/Day	2.2%	2.2%
Normal Evaporation Rate Carbon Dioxide, Nitrous Oxide	% Capacity/Day	0.75%	0.75%
Gas Flow Rate & NTP (STP) Oxygen, Nitrogen, Argon	cfh (cu. m/h)	350 (9.2)	N/A
Gas Flow Rate & NTP (STP) Carbon Dioxide	cfh (cu. m/h)	150 (3.9)	N/A
Gas Flow Rate & NTP (STP) Nitrous Oxide	cfh (cu. m/h)	110 (2.9)	N/A
Relieve Valve Setting	psig bar (kPa)	450 31 (3100)	450 31 (3100)
Inner Container Bursting Disc	psig bar (kPa)	675 46.6 (4655)	675 46.6 (4655)
Design Specifications	TC DOT	4LM 4L	4LM 4L



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Equipping The Hydrogen Infrastructure
www.twcryo.com

The Americas
Phone: (251) 643-3024
Asia-Pacific & Europe
Phone: (+ 60 3) 5191-3003

Email
sales@twcryo.com
customerservice@twcryo.com