

Gas Cylinders

We are engaged in the fabrication of Cryogenic Liquid Gas Cylinder and seamless Tube Oxygen Gas Cylinder. Designed using finest quality seamless tube material these are offered in different working pressure such as 12mpa (120 BAR) and 15 mpa (150 BAR). In accordance with the client requirement we even offer 200Bar seamless tube oxygen gas cylinder available on 200 bar working pressure.

Specifications Table :

Type	Specification	UP160	UP180	UP200
Diameter	mm	506	506	506
High	mm	1513	1613	1671
Net Weight	Kg	125	135	145
Max.Work.Pressure	BAR(MPa)	14(1.4)	14(1.4)	14(1.4)
Safety Valve Enactment Pressure	MPa	16(1.6)	16(1.6)	16(1.6)
Static Evaporation Rate	N2%/day	2.2%	2.0%	1.9%
	O2 Ar%/day	1.5%	1.4%	1.2%
Geometry Volume	L	176	196	209
Effective Volume	L	160	180	200
Store Capacity (Nm3)	N ₂	180	122	136
	O ₂	136	153	170
	Ar	132	149	166
Transporting Gas Capacity	(Nm3/hr)	10	10	11
Material		Stainless Steel	Stainless Steel	Stainless Steel
Surface Treatment		Polishing	Polishing	Polishing
Bottom Seat		Feet Circle	Feet Circle	Feet Circle
Liquid level Gauge		Buoy	Buoy	Buoy

Technical Specification is enlisted below:

	Working Pressure BAR(Mpa)	Capacity (Liters)	Outside Dia (mm)	Length (mm)	Weight Kg Aprox
1	150 BAR (15 MPA)	1.0	89	333	2.2
2	150 BAR (15 MPA)	1.4	89	408	2.8
3	150 BAR (15 MPA)	2.0	108	519	3.6
4	150 BAR (15 MPA)	2.5	108	475	4.5
5	150 BAR (15 MPA)	3.2	108	485	5.1
6	150 BAR (15 MPA)	4.0	108	567	6.1
7	150 BAR (15 MPA)	5.0	108	668	7.2
8	150 BAR (15 MPA)	6.3	108	670	11.9
9	150 BAR (15 MPA)	7.0	108	722	12.6
10	150 BAR (15 MPA)	8.0	108	797	13.8
11	150 BAR (15 MPA)	9.0	152	871	14.9
12	150 BAR (15 MPA)	10.0	159	839	15.5
13	150 BAR (15 MPA)	12.0	159	963	17.5
14	150 BAR (15 MPA)	40.0	219	1445	56.3
15	125 BAR(12.5 MPA)	40.0		1445	56.2