


50ST/30AL - 50 LITERS STEEL / ALUMINUM HIGH PRESSURE CYLINDERS

Gas Capacity (base in O₂): 7.0 to 7.5 m³ / 247 to 265 ft³

1.- Contents		
Water Capacity: - 46.3 to 50 Liters / 2825 to 3050 in ³		
Gas Capacity (base in O ₂): 7.0 to 7.5 m ³ / 247 to 264 ft ³		
Cylinder Reference: AL265 - Luxfer N265		
2.- Service Pressure		
153 bar / 2200 psi		
3.- Dimensions		
AL/ST Height 1305mm(51.40 in), Diameter 250mm (9.8in)		
4.- Weights		
AL/ST 38.7 Kg(85.3 lb)		
5.- Material and Valve Type		
Aluminum - for reactive gases. Steel - for non reactive gases.		
<ul style="list-style-type: none"> • British (BS) • Europe (DIN) • USA (CGA) 		
6.- Standards		
EPA, NPL, UKAS or NIST Standards. Manufactured gravimetrically to ISO 6142. ISO 17025 is available.		
7.- Equipment	8.- Mixture Tolerances	
<ul style="list-style-type: none"> • Single Stage Brass • Two Stage Brass • Single Stage Stainless Steel • Two Stage Stainless Steel 	Minor components are certified to the following analytical tolerance 2-20 ppm = +/- 10% 21-50 ppm = +/- 5% 5-300 ppm = +/- 2%	
9.- Warranty		
Non reactive gases	Up to 36 months	
H ₂ S, SO ₂ and 4 gas mixtures	24 months	
NO, NH ₃ , HCN, ETO	Up to 24 months	
Cl ₂ (min 5 ppm)	12 months	
HCl (min 5 ppm)	Up to 12 months	
NO ₂	12 months	

Note 1.- Cylinder heights are to the center of the outlet valve. Add 100 mm or total absolute height with guard or cap. The above weights are cylinder and valve without contents and dimensions are approx. Cylinder can have different dimensions if steel material is using. **Note 2.-** Filling pressure and capacity of cylinder can change after filling, because depend of Gas Mixes, but in general the filling pressure is above 2000 psi for the capacity showed above. **Note 3.-** Cylinder with other dimension, special sizes, special connections are available on request.



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