

6D and 6DM Cylinder Specifications

Primary uses

LEL mixtures, Instrument zero gases (air and nitrogen), Oxygen deficiency mixtures.

Equipment required

Model 715 or DFR 2000, connection is 5/8 x 18 thread (not a CGA connection).

Product variation

The 6DM cylinder is a short version (20.3 x 8.3 cm) of the 6D cylinder. It has a reduced volume (58 liters) but the same service pressure (1000 psig). Because of the reduced volume, it may contain flammable gas such as hydrogen.

Mixture tolerances

All minor components are certified to ± 2%.

Warranty:

All gases are warranted for twenty-four months.



Color	Beige
Contents	103 Liters
Pressure	1000 psig
Dimension	35.6 x 8.3 cm

Common Mixtures In Size 6D

Pure Gases:

Nitrogen, Nitrogen UHP and Air Zero

Binary mixtures:

Carbon Dioxide 0.1% in Air
 Carbon Monoxide 50, 100, 300 and 500 ppm in Air
 50 ppm in Nitrogen
 Hydrogen 0.8% and 2.0% in Air
 Isobutylene 100 ppm in Air
 Methane 500 ppm, 1.5%, and 2.5% in Air
 Oxygen 0.4%, 2.0% and 20.8% in Nitrogen
 Pentane 0.35% and 0.75% in Air
 Propane 0.6% and 1.1% in Air

Mixtures with 3 or more components:

35ppm CO/0.14% Pentane/18% O₂ in Nitrogen
 50 ppm CO/18% O₂ in Nitrogen
 50 ppm CO/2.5% CH₄/21% O₂ in Nitrogen
 50 ppm CO/1.62% CH₄/18% O₂ in Nitrogen
 60 ppm CO/1.45% CH₄/15% O₂ in Nitrogen
 100 ppm CO/0.35% C₅H₁₂/19% O₂ in Nitrogen
 1.62% CH₄/18% O₂ in Nitrogen
 1.45% CH₄/15% O₂ in Nitrogen
 0.35% Pentane/19% O₂ in Nitrogen

Examples of mixtures available in the 6D

Hydrocarbons in Air or Nitrogen (Methane, Ethane, Propane, Hexane...)

Carbon Monoxide in Air or Nitrogen

Hydrogen in Air or Nitrogen

Oxygen in Nitrogen

Carbon Dioxide in Air or Nitrogen

3 Gas Mix such as

Pentane and Oxygen in Nitrogen

Carbon Monoxide and Oxygen in Nitrogen

4 Gas Mix such as

Carbon Monoxide, Pentane, Oxygen in Nitrogen