

8 AL Cylinder Specifications

Primary uses

Reactive gas mixtures (chemical gases).

Equipment required

Model 715 regulator or DFR 2000, connection is 5/8 x 18 thread (not a CGA connection). Most applications also require Teflon tubing.

Mixture tolerances

Minor components are certified to the following analytical accuracy:

101 - 300 ppm	± 2%
21 - 100 ppm	± 5%
2 - 20 ppm	± 10%



Color	Natural Aluminum
Contents	58 Liters
Pressure	500 psig
Dimension	34.3 x 8.9 cm

Common Mixtures for Size 8AL

Binary mixtures:

Ammonia	25, 50, and 100 ppm in Nitrogen
Chlorine	2, 5 and 10 ppm in Nitrogen
Hydrogen Cyanide	10 ppm in Nitrogen
Hydrogen Sulfide	10, 15, 20, 25, 40 and 50 ppm in Nitrogen 25 ppm in Air
Nitrogen Dioxide	5 ppm in Nitrogen 25 ppm in Air
Sulfur Dioxide	5 and 10 ppm in Nitrogen

Mixtures with 3 or more components:

100 ppm NO/200 ppm SO ₂	in Nitrogen
10 ppm H ₂ S/35ppm CO/0.14% Pentane/18% O ₂	in Nitrogen
10 ppm H ₂ S/300ppm CO/1.45% CH ₄ /15% O ₂	in Nitrogen
10 ppm H ₂ S/300ppm CO/2.5% CH ₄ /15% O ₂	in Nitrogen
25 ppm H ₂ S/0.35% Pentane/19% O ₂	in Nitrogen
25 ppm H ₂ S/50ppm CO/2.5% CH ₄	in Air
25 ppm H ₂ S/50ppm CO/2.5% CH ₄ /20.9% O ₂	in Nitrogen
25 ppm H ₂ S/50 ppm CO /2.5% CH ₄ /12% O ₂	in Nitrogen
25 ppm H ₂ S/50ppm CO/1.62% CH ₄ /18% O ₂	in Nitrogen
25 ppm H ₂ S/100ppm CO/0.35% Pentane/19% O ₂	in Nitrogen

Calibration Kit



These self-contained kits are safely and easily transported. Each heavy-duty, impact-resistant plastic case contains one or two non-refillable cylinders, the calibration gas mixture(s) you request, one or two pressure regulators, and the appropriate tubing.

Features:

- Improved latch system for enhanced security.
- Integral foam block houses and protect regulator(s) during shipment.
- Regulator can be used attached to cylinder in case for portable calibration.
- Exterior opening permits tubing to be routed outside the case.
- Sleek design accommodates different sized cylinders.
- Molded warning label – eliminates possibility of applied label being removed.