

Calibration Gases

Disposable cylinders



Because of our focus on the market place, the Cambridge MD facility is dedicated almost solely to the Industrial Hygiene gas business. They provide calibration standards and related equipment to customers around the world from this single location. This focus, with research and development, manufacturing and global distribution under one roof, ensures consistent, accurate and stable gas standards.

Our commitment to the environmental and industrial hygiene market is total. As the leading supplier and vendor of choice to this market, we are obliged to maintain our leadership in order to grow and prosper.

ISO 9002 Certification

As part of our commitment to excellence, the Cambridge, MD facility has received and continues to maintain ISO 9002 Certification. This is but another example of the investment AIR LIQUIDE AMERICA CORPORATION has made in order to provide our CALGAZ customers with the highest quality gases, equipment and customer service.

Quality

Following are some of the key items that consistently bring CALGAZ customers the quality that you can count on:

- * Gas Mixtures - All gas mixtures are made gravimetrically. All master blends are analysed 100%. Lot analysis on transit filled cylinders. All gas mixtures are NIST Weight Traceable.
- * Cylinders - All cylinders are leak checked with a mass spectrometer. All cylinders are pressure checked. All lots of cylinders are traceable by lab database.
- * Regulators - All regulators are designed and built in-house. Rigid quality control of all supplied machined parts. Statistical Process Control in place. 100% of regulators are function tested. All regulators are leak checked. Full two year warranty on all regulators.

Why Non-Refillable Cylinders?

Convenience - Require little space for storage, short lead times, full line of products.

Cost Effectiveness - No cylinder deposit - no rental, no return freight - only filled once, purchase only what is needed.

Light Weight - Small size, portable, minimal shipping costs.

Simplified Shipping - Air freight available to any place in the world.

High Quality - ISO 9002 Certified manufacturing, analytical accuracy, NIST weight traceable.

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	Contents	Service Pressure	Dimensions	Colour
8AL Cylinder	58 L	500 psi/34.5 BAR	13.5" x 3.5"	Natural Aluminum
2AL Cylinder	34 L	500 psi/34.5 BAR	11.1" x 2.9"	Natural Aluminum
6D Cylinder	103 L	1000 psi	14" x 3.25"	Beige

Primary uses: Reactive gas mixtures (chemical gases) 8AL and 2AL cylinders. LEL mixtures, instrument zero gases (air and nitrogen) and oxygen deficiency mixtures 6D Cylinders.

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 tolerance: Minor components are certified to the following analytical accuracy.

51 - 300 ppm	± 2%
21 - 50 ppm	± 5%
2 - 20 ppm	± 10%

Warranty

H2S/N2 or H2S/Air Blends	12 Months
SO2/N2 or SO2/N2 Blends	12 Months
H2S/CO/LEL/O2/N2 Blends	12 Months
NH3/N2 HCN/N2 Blends	12 Months
Cl2/N2, HCl/N2 Blends	8 Months
NO2, NO Blends	6 Months
Phosphine/N2	6 Months
All gases in the 6D cylinder	2 years



Distributed By

GasTech Australia Pty Ltd
24 Baretta Rd
Wangara Western Australia 6065
Tel 1800 999 902
Fax 1800 999 903
<http://www.gastech.com.au>

