



# Calibration gas

Routine testing and calibration of gas detection equipment with quality test gas is critical to the accuracy & reliability of your instruments.

We offer a comprehensive range of specialty test gases and regulators suitable for response testing and calibration of fixed and portable gas detection instruments. Our test gases come in a variety of sizes ranging from 34 litres through to 116 litres, (other sizes are available). All Calgaz blends are prepared and certified gravimetrically.

Certification is to NIST, (National Institute of Standards and Technology). All cylinder lot data is maintained for historical record keeping purposes and every cylinder is pressure checked and leak checked with a mass spectrometer. Specific data sheets and SDS' are provided for all cylinders.



## Cylinder Comparison Chart

We can supply a range of cylinder sizes that will meet virtually all your requirements.

| Model #     | Litres | Dimensions (mm) | Mixtures               | Pressure (bar) |
|-------------|--------|-----------------|------------------------|----------------|
| <b>2AL</b>  | 34     | 289 x 76        | Reactive, Non-reactive | 35.5           |
| <b>8AL</b>  | 58     | 362 x 89        | Reactive, Non-reactive | 34.5           |
| <b>10AL</b> | 116    | 381 x 89        | Reactive, Non-reactive | 69             |
| <b>6D</b>   | 103    | 352 x 83        | Non-reactive           | 69             |
| <b>65AL</b> | 850    | 505 x 175       | Reactive, Non-reactive | 153            |

# Regulators

## 700 Series Regulators

The 700 Series regulators are a single stage design preset to deliver gas at a flow rate specified by the user. This regulator can be used with the 2AL, 8AL, 10AL and 6D cylinders.



## DFR 2000 Series Regulators

The DFR 2000 Series regulators (Demand Flow) are designed for use with instruments that utilize a pump to draw the calibration gas. This regulator can be used with the 2AL, 8AL, 10AL and 6D cylinders.



## 4200 Series Regulators

The 4200 series regulator, also known as the “Trigger,” is designed to provide aerosol capability. The “Trigger” can be used with the 2AL, 8AL, 10AL and 6D cylinders.



## Calibration Services

Thermo Fisher Scientific provides calibration services for most brands of portable and fixed gas detectors. We can calibrate, service or replace detectors on your site or in our calibration facilities located around Australia.

Thermo Fisher Scientific provide both traceable and NATA accredited calibration services, depending on your application.

Our NATA accreditation includes calibration in the laboratory or onsite using NATA certified vans and technicians.

For more information email [infogasau@thermofisher.com](mailto:infogasau@thermofisher.com)

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### Order Placement:

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To fax an order, use 1800-067-639  
To email an order, [ordersau@thermofisher.com](mailto:ordersau@thermofisher.com)

### Contact Us:

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