

STANDARD AND CUSTOM CALIBRATION GAS CYLINDERS FOR YOUR TESTS.

BE ATEX has everything you need to perform bump tests and calibrations yourself. From standard gas mixes to specific concentrations, we offer a range of lightweight disposable aluminium cylinders that are ideal for applications that require you to stay agile.

Our gas mixes are mainly used to check and calibrate detectors and other instruments used in the following applications:

- Detection of flammable gases
- Detection of toxic gases
- Detection of refrigerant gases
- Ethanol alcohol tests
- Gas chromatography
- Analysis for the food & beverage industry
- Analysis of medical gases
- Environmental monitoring



Disposable Cylinders	34 L	58 L	116 L
▶ Water Capacity (L)	0.9	1.6	1.6
Pressure (psi)	1000	1000	1000
▶ Size (H x Ø) (mm)	241.3 x 63.5	274.3 x 73.7	342.9 x 88.9
Weight (kg)	0.45 Kg	0.65 Kg	1.7 Kg
▶ Valve Inlet	5/8"-18 UNF (C10)	5/8"-18 UNF (C10)	5/8"-18 UNF (C10)
Contents	1.2 cu. ft.	2 cu. ft.	4 cu. ft.

*The EN12205 standard requires single-use cylinders to be fitted with a special valve, for this type of cylinder, in accordance with EN13340 standard



GAS CYLINDER RECYCLING TOOL TO PIERCE USED DISPOSABLE CYLINDERS

According to European Union regulations, pierced single-use cylinders can be recycled as non-hazardous products in standard waste recycling streams.

RELATED SERVICES:

- 1 - Certificates of analysis supplied automatically
- 2 - Safety data sheets available for all gases and mixes supplied
- 3 - Packed and shipped as hazardous materials in accordance with the regulations

ACCESSORIES



FIXED-FLOW REGULATOR

Indicates the content of the cylinder on the flow regulator's pressure gauge.

Two versions are available:

Stainless steel for use with reactive gases such as HCN, Cl₂, HCl and NH₃.

These regulators are pre-set to provide a fixed gas flow of 1 LPM (other fixed flow rates available on request).

Nickel plated for use with non-reactive gases

These regulators are pre-set to provide a fixed gas flow of 0.3, 0.5 or 1 LPM (other fixed flow rates available on request).



DEMAND-FLOW REGULATOR

Indicates the content of the cylinder on the flow regulator's pressure gauge.

Designed for instruments with a pump.

The regulator's flow rate corresponds to that required by the instrument (from 0.2 to 4 LPM).

Two versions are available:

- **Stainless steel** for use with reactive gases such as HCN, Cl₂, HCl and NH₃
- **Nickel plated** for use with non-reactive gases

We have a large stock of the most common mixes (particularly those associated with gas detection applications) but we can also supply unique component mixes on request, produced to your requirements.

PRINCIPAUX GAZ DISPONIBLES

Acetylene (C ₂ H ₂)	Nitrogen monoxide (NO)
Ammonia (NH ₃)	Nitrogen (N ₂)
Argon (Ar)	Nitrogen dioxide (NO ₂)
Benzene (C ₆ H ₆)	Nitrous oxide (N ₂ O)
Butane (C ₄ H ₁₀)	Oxygen (O ₂)
Isobutane (I-C ₄ H ₁₀)	Pentane (C ₅ H ₁₂)
Isobutylene (I-C ₄ H ₈)	Phosphine (PH ₃)
Carbon dioxide (CO ₂)	Propane (C ₃ H ₈)
Carbon Monoxide (CO)	Propene (C ₃ H ₆)
Chlorine (Cl ₂)	Refrigerant R22, R134A
Combustible Gases (LEL)	Silane (SiH ₄)
Ethane (C ₂ H ₆)	Sulfur dioxide (SO ₂)
Ethanol (C ₂ H ₆ O)	Sulfur hexafluoride (SF ₆)
Ethylene (C ₂ H ₄)	Toluene (C ₇ H ₈)
Ethylene oxide (ETO) (C ₂ H ₄ O)	Vinyl chloride (VCM) (C ₂ H ₃ Cl)
Helium (He)	Ethenol (C ₂ H ₄ O)
Hexane (C ₇ H ₁₆)	Hydrogen chloride (HCl)
Hexane (C ₆ H ₁₄)	Hydrogen cyanide (HCN)
Hydrogen (H ₂)	Hydrogen sulfide (H ₂ S)
Methane (CH ₄)	Volatile organic compounds (VOC)

WHY CHOOSE BE ATEX ?

You can rest assured that we will comply with all the regulations as we are accredited to transport dangerous goods, including batteries, lithium and calibration gases.

In addition to being IATA-, IMDG- and ADR-accredited for the transport of dangerous goods, BE ATEX is a certified packer.



CALIBRATION GAS

All mixtures are available in 34L, 58L and 110L with no minimum order quantity.

- ▶ 100 ppm Carbon Monoxide // Nitrogen
- ▶ 18 % Oxygen // Nitrogen
- ▶ 20.9 % Oxygen // Nitrogen
- ▶ 25 ppm Hydrogen Sulphide // Nitrogen
- ▶ 2 % Hydrogen // Air
- ▶ 2.2 % Methane // Air
- ▶ 0.9 % Butane // Air
- ▶ 1.1 % Propane // Air
- ▶ 10 ppm Hydrogen Chloride // Nitrogen
- ▶ 20 ppm Nitrogen Dioxide // Air
- ▶ 100 ppm Iso-Butylene // Air
- ▶ 50 ppm Ammonia // Nitrogen
- ▶ 10 ppm Hydrogen Cyanide // Nitrogen
- ▶ 10 ppm Chlorine // Nitrogen
- ▶ 10 ppm Ethylene Oxide // Nitrogen
- ▶ 50 ppm Nitric Oxide // Nitrogen
- ▶ 5 ppm Phosphine // Nitrogen
- ▶ 20 ppm Sulphur Dioxide // Nitrogen

MULTIGAS MIXTURE CYLINDER

All mixtures are available in 34L, 58L and 110L with no minimum order quantity.

- ▶ 2.2 % Methane / 18 % Oxygen // Nitrogen
- ▶ 25 ppm H₂S / 100 ppm CO / 2.2 % CH₄ / 18 % O₂ // N₂
- ▶ 25 ppm H₂S / 100 ppm CO / 2.2 % CH₄ / 18 % O₂ // 0.5% CO₂

DISPOSABLE CYLINDERS 34L, 58L, 110L

