

# 1000 Series Regulators

## Fixed Pressure Regulators



1001



1002



1003

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Calgaz, the world's leading manufacturer of calibration gases and equipment is proud to offer the most comprehensive range of specialist regulators in the world for non-refillable and portable gas cylinders.

The combination of the piston first stage and stainless steel diaphragm second stage offers a high degree of accuracy and control without adjusting the delivery pressure as the supply pressure decreases. The 1000 Series high pressure regulators are designed for use with many low ppm corrosive gases and gas mixtures where high purity, low flow rates and stable delivery pressure must be maintained. The compact regulator size fits easily into tight spaces.

The 1000 series offers three outlet pressures designed for your needs. The 1001 model is for low outlet pressures up to 10 psi, the 1002 model up to 50 psi and the 1003 model up to 100 psi. The series can also be supply with C10 connectors upon request.

All regulators carry a 24 month warranty and we recommend replacing them after 2 years of service and can often be shipped to you the next working day. Contact us to find out more information.

PERFORMANCE						
	Inlet	Outlet	Stages	Max Inlet Pressure	Max Outlet Pressure	Gauge/Knob
1001	1/4-18" NPT	1/8" - 27 NPT	2	207 Bar (3000 Psi)	0-0.7 Bar (0-10 Psi)	0-207 Bar (0-3000 Psi)
1002	1/4-18" NPT	1/8" - 27 NPT	2	207 Bar (3000 Psi)	0-3.5 Bar (0-50 Psi)	0-207 Bar (0-3000 Psi)
1003	1/4-18" NPT	1/8" - 27 NPT	2	207 Bar (3000 Psi)	0-7 Bar (0-100 Psi)	0-207 Bar (0-3000 Psi)

MATERIALS OF CONSTRUCTION					
	Body	Diaphragm	Piston Seal	Seat	Weight
1001	Ni-Brass	Stainless Steel	Viton	Teflon	0.63kg (1lb)
1002	Ni-Brass	Stainless Steel	Viton	Teflon	0.63kg (1lb)
1003	Ni-Brass	Stainless Steel	Viton	Teflon	0.63kg (1lb)

GAS SUITABILITY				
	Non-Reactive	H2S & SO2	NO & NO2	Cl2, HCL, NH3, PH3, SiH4 & HCN
1001	Suitable	Suitable	Suitable	Not recommended
1002	Suitable	Suitable	Suitable	Not recommended
1003	Suitable	Suitable	Suitable	Not recommended

CYLINDERS COMPATIBILITY						
	2AL	5ELR	6D	8AL	10AL	65ALR
1001	✓	✓	✓	✓	✓	✓
1002	✓	✓	✓	✓	✓	✓
1003	✓	✓	✓	✓	✓	✓

For more information contact us at:

[sales@norrscope.com](mailto:sales@norrscope.com)



# Stem Connectors

Range of US, UK and European adaptors

## Commonly used with Reactive gases



CGA 330



CGA 580



BS 15 \*

## Commonly used with Non Reactive gases



CGA 350



DIN 10 \*



BS 3 \*



BS 4 \*

Calgaz is the world's leading manufacturer of calibration gases and equipment. We are proud to offer the most comprehensive range of specialist regulators and associated equipment for non-refillable (NRC) and high pressure (HPC) refillable gas cylinders.

As part of our range we can supply a variety of cylinder valve connectors (Stem connectors). All the connectors supplied conform to either British (BS), US (CGA) or European (DIN) standards. Calgaz is able to supply

- BS3, BS4, and BS15
- CGA330, CGA350 and CGA580
- DIN 10

All connectors are approved for a working pressure up to 200 Bar and can be supplied in Brass or Stainless Steel and are generally ¼" NPT inlet with a range of outlets to meet your requirements.

All stem connectors carry a 24 month warranty and we recommend replacing them after two years of service and can often be shipped to you the next working day.

*\* Not available from our Cambridge, MD USA facility*