

# Bump & Calibration Gas

Gas Offering for  
Portable and Fixed  
Instruments

Long shelf life

Supply on demand



# Bump & Calibration Gas

## Bump Testing Compliance

With regulations driving tighter calibration routines and the requirement for daily bump testing, there is a real need for test gas. Gas detectors play a key part for people and plant safety so equipment cannot afford to be out of service.



At Crowcon, we understand our customer's requirements. We now offer a full range of bump and calibration gas, with a range of accessories for all your portable and fixed gas detector testing and calibration needs.

We have gas distribution centres in the UK, mainland Europe, Singapore, UAE and North & South America, so it has never been easier to buy the gas you require, ensuring your fleet of fixed and portable devices are compliant.

### Compliant

Certificate of conformity

All cylinders come with Certificates of Analysis showing actual gas values, and ensuring full traceability.

### Reliability

Long shelf life for reactive gases

More bump and calibrations from the cylinder before it expires, therefore cost effective and reduces waste

Wide range of calibration gas

The convenience of having the gas you need to calibrate or bump test your fleet (see back page for list)

Supply of gas when you need it

With distribution centres across Europe, Crowcon offer a flexible service that allows us to get the gas required to you in the shortest time possible

### User friendly

Fast shipment times

You have the right gas when you need it, no down-time

## Making bump testing easier

Bump testing has always been a challenge for mobile users with the difficulties and cost of transporting gas and regulators. After listening to your needs, Crowcon have found a solution to make bump testing easier.

Crowcon's Bump Gas Spray is a can that comes with a nozzle for easy testing of equipment. Simply attach the straw onto the nozzle and spray a small amount of gas into the unit's calibration cap. The unit will then go into alarm and show you that it is fully functional with audible and visual checks.

This is purely for bump testing and cannot be used for calibrations. For further information, Contact Crowcon.

Part number	Bump gas description
G5-QUINT-3-12	12 litre spray can with push button and spray straw, mix 25ppm H <sub>2</sub> S/100ppm CO/2.2% methane/0.5% CO <sub>2</sub> /18% O <sub>2</sub> in nitrogen
G4-QUINT-5-12	12 litre spray can with push button and spray straw, mix 25ppm H <sub>2</sub> S/100ppm CO/2.2% methane/18% O <sub>2</sub> in nitrogen
G1-CO-100-N-12	12 litre spray can with push button and spray straw, mix 100ppm CO in nitrogen
G1-H2S-25-N-12	12 litre spray can with push button and spray straw, mix 25ppm H <sub>2</sub> S in nitrogen
G1-O2-18-N-12	12 litre spray can with push button and spray straw, mix 18% by vol. O <sub>2</sub> in nitrogen

## Free-of-charge shipping of calibration and bump gas

Gas has always been expensive to ship. At Crowcon we have addressed this to make our customer's lives easier, therefore we now offer free of charge shipping to customers within the following regions:

Zone 1	Zone 2	Zone 3
Austria	Czech republic	Liechtenstein
Belgium	Hungary	Switzerland
Denmark		
Finland		
France		
Germany		
Holland		
Ireland		
Italy		
Luxembourg		
Monaco		
Sweden		
UK		

This is based on a multiple of 6 cylinders of mixed or single that are 112L or smaller.  
For 12L spray cans, a minimum of 12 must be ordered to receive FOC shipments to these zones.  
For more information on your area please contact your local office.

## Calibration gas

Description	Ni-Br regulator	Stainless steel regulator
Non-reactive gases	Suitable	Suitable
H <sub>2</sub> S	Suitable	Suitable
SO <sub>2</sub>	Suitable	Suitable
NO	Not recommended	Suitable
NO <sub>2</sub>	Not recommended	Suitable
Cl <sub>2</sub>	Not suitable	Suitable
HCl	Not suitable	Suitable
HCN	Not suitable	Suitable
NH <sub>3</sub>	Not suitable	Suitable
PH <sub>3</sub>	Not suitable	Suitable
ETO	Not suitable	Suitable
SiH <sub>4</sub>	Not suitable	Suitable

## Accessories

Fixed flow regulator with test cap and tubing



Part number: C03129  
Flow rate 0.5 LPM  
Brass (Ni-Br)

Fixed flow regulator with on/off switch



Part number: C03052  
Flow rate 0.5 LPM  
Brass (Ni-Br)

Fixed flow regulator with on/off switch



Part number: C03168  
Flow rate 01.0 LPM  
Brass (Ni-Br)

Fixed flow regulator with on/off switch for reactive gases



Part number: C03288  
Flow rate 0.5 LPM  
Stainless steel

Fixed flow push trigger regulator



Part number: C02099  
Flow rate 1 LPM  
Brass (Ni-Br)

Demand flow regulator



Part number: C03332  
Flow rate 0-1 LPM

### Disclaimer

Every effort has been made to ensure the accuracy of this document at the time of printing. In accordance with the company's policy of continued product improvement Crowcon Detection Instruments Limited reserves the right to make product changes without notice. The products are routinely subject to a programme of testing which may result in some changes in the characteristics quoted. Technical information contained in this document or otherwise provided by Crowcon are based upon records, tests, or experience that the company believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed.

Many factors beyond Crowcon Detection Instruments' control and uniquely within user's knowledge and control can affect the use and performance of a Crowcon product in a particular application.

As the products may be used by the client in circumstances beyond the knowledge and control of Crowcon Detection Instruments Limited, we cannot determine the relevance of these to an individual customer's application. It is the clients' sole responsibility to carry out the necessary tests to evaluate the usefulness of the products and review all applicable regulations and standards to ensure their safety of operation in a particular application.

\* All the above regulators will fit 34L, 60L and 112L gas cylinders

**CROWCON**  
Detecting Gas Saving Lives

Crowcon reserves the right to change the design or specification of the product without notice.  
© 2019 Crowcon Detection Instruments Ltd. Copyright to some photographs held separately.

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