

Bump & Calibration Gas

Gas Offering for Portable and Fixed Instruments



- Long shelf life
- Supply on demand



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Bump Testing Compliance

When lives and property are at risk and you need gas detection equipment that is totally reliable, you need Crowcon. For over 40 years Crowcon has been developing and manufacturing high quality products with a reputation for reliability and technical innovation.

Crowcon provides both single gas and multigas portable and fixed monitors for personal and portable safety applications providing protection against a wide range of industrial gas hazards.



Choosing the right gas offering for your needs

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	For peace of mind, full compliance and actual gas values are shown on the cylinder
All cylinders come with Certificates of Analysis as standard	If you lose your certificate, Crowcon will have full traceability so we can get a copy of the certificate, giving you peace of mind

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
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Making bump testing easier

NEW

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

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

Austria
Belgium
Denmark
Finland
France
Germany
Holland
Ireland
Italy
Luxemburg
Monaco
Sweden
UK

Zone 2

Czech republic
Hungary

Zone 3

Liechtenstein
Switzerland

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

Calibration gas description	Ni-Br regulator	Stainless steel regulator
Non-reactive gases	Suitable	Suitable
H ₂ S	Suitable	Suitable
SO ₂	Suitable	Suitable
NO	Not recommended	Suitable
NO ₂	Not recommended	Suitable
Cl ₂	Not suitable	Suitable
NH ₃	Not suitable	Suitable
HCl	Not suitable	Suitable
PH ₃	Not suitable	Suitable
SiH ₄	Not suitable	Suitable
HCN	Not suitable	Suitable



Bump & Calibration Gas accessories



- Part number: C03129
- Fixed flow regulator with test cap and tubing
- Flow rate 0.5 LPM
- Brass (Ni-Br)



- Part number: C03052
- Fixed flow regulator with on/off switch
- Flow rate 0.5 LPM
- Brass (Ni-Br)



- Part number: C03168
- Fixed flow regulator with on/off switch
- Flow rate 1.0 LPM
- Brass (Ni-Br)



- Part number: C03288
- Fixed flow regulator with on/off switch for reactive gases
- Flow rate 0.5 LPM
- Stainless steel



- Part number: C03004
- Control valve regulator with flow indicator
- Flow rate 0-1 LPM
- Brass (Ni-Br)



- Part number: C02099
- Fixed flow push trigger regulator
- Flow rate 1 LPM
- Brass (Ni-Br)



- Part number: C03332
- Demand flow regulator
- Flow rate 1 LPM

* All the above regulators will fit 34L, 60L and 112L gas cylinders (apart from C03004 which is for the old 12L disposable gas cylinders)

Crowcon reserves the right to change the design or specification of the product without notice.

www.crowcon.com

UK:
Tel: +44 (0) 1235 557700
Fax: +44 (0) 1235 557718
Email: sales@crowcon.com

US:
Tel: +1 859 957 1039
Toll Free: 800-527-6926
Fax: +1 513 957-1044
Email: salesusa@crowcon.us

NL:
Tel: +31 10 421 1232
Fax: +31 10 421 0542
Email: eu@crowcon.com

SG:
Tel: +65 6745 2936
Fax: +65 6745 0467
Email: sales@crowcon.com.sg

CN:
Tel: +86 (0) 10 6787 0335
Fax: +86 (0) 10 6787 4879
Email: saleschina@crowcon.com

IN:
Tel: +91 22 6708 0400
Fax: +91 22 6708 0405
Email: salesindia@crowcon.com

