



SPANTECH
HI-SPEC GAS TECHNOLOGY

LEADERS IN THE FIELD OF PORTABLE CALIBRATION GAS SOLUTIONS

- CALIBRATION GAS
- REGULATORS
- GAS SENSORS
- GAS PURIFIER

- CALIBRATION GAS GENERATORS

WORLDWIDE SHIPPING

WWW.SPANTECH.CO.UK

SPANCAN Calibration Gas

"We can provide the right cylinder type for your market, no matter where in the world it is."

- Our very own reputable brand SPANCAN™ is available in Disposable Aluminium Cylinders in 11, 34 and 112 litres. Our high – pressure cylinders are available in 5, 10, 20 and 50 litres.
- We are a supplier of PortaGas and can provide cylinders from 4 Litres to 8490 litres.
- ISO 9001:2015, ISO 17025:2016, ISO 17045 and ISO 17034:2017 accredited.
- NIST approved.



Popular Gases include, but are not limited to:

- 2 / 3 / 4 Mix
- Ammonia
- Benzene
- Carbon Dioxide
- Carbon Monoxide
- Chlorine
- Ethylene
- Ethylene Oxide
- Hydrogen
- Hydrogen Cyanide
- Hydrogen Chloride
- Hydrogen Sulphide
- Iso – Butane
- Methane
- Nitric Oxide
- Nitrogen
- Nitrogen Dioxide
- Oxygen
- Pentane
- Propane
- Phosphene
- Propane
- Sulphur Dioxide
- Sulphur Hexafluoride

SPANCAN Regulators

We offer the necessary equipment for use with calibration gases with unequalled quality and performance from our regulators.

- Non-Refillable & Refillable Cylinder Regulators:

- Single Stage Brass / Nickel Plated / Stainless Steel
- Two Stage Brass / Nickel Plated / Stainless Steel
- Fixed Flow
- Variflow
- On Demand Flow
- Aerosol Flow Controller



Gas Sensors

With over 30 years of experience in supplying gas sensors, we are experts in electrochemical sensors, IR sensors and pellistors. We also do supply other types upon request.

We act as your technical consultants, providing you the right solution at the right cost for single sensors or larger OEM orders.

- Industrial gas safety sensors
- Electrochemical sensors – detecting Oxygen and toxic gases
- Infrared sensors for Carbon Dioxide and Hydrocarbons
- PID for the detection of volatile organic compounds
- Pellistors for combustible gas detection
- Series 3, 4, 5, 7 and other series available

Ammonia

Arsine

Carbon Monoxide

Carbon – Dioxide

Chlorine

Diborane

Ethylene – Oxide

Fluorine

Hydrogen

Hydrogen Chloride

Hydrogen – Cyanide

Hydrogen – Sulphide

Hydrazine

Hydrogen – Selenide

Hydrogen – Flouride

Mercaptan

Nitric – Dioxide

Nitric – Oxide

Oxygen

Ozone

Phosgene

Silane

Sulphur – Dioxide

Tetrahydrothiophene



Rare Gas Purifier Model MP – 2000

The MP2000 is designed to deliver purified ultra-high purity (UHP) argon, helium or other rare gas at the point of use. By converting standard grade gas into UHP gas, with high cost savings over standard cylinder supplies.

MP - 2000 Features & Benefits

- Simplicity and Purity** – The MP-2000 will remove the impurities, i.e. oxygen, nitrogen, hydrogen, carbon monoxide, hydrocarbons, carbon dioxide and moisture (typically present in the range of 30-50vpm) in commercially available rare gases down to a concentration of less than 1 vpm in total.
- Ease of Use** – Easy to use self-sealing plug-in gas connections ensure the user cannot leave the purifier open to air contamination when the purifier is disconnected from its feed gas.
- Safe to Use** – Dual thermocouple temperature control, with remote status indication and fault alarm system.
- Low Maintenance** – Quick-change purifier tubes procedure with its modular design.
- Reliability** – Built in safeguards against any fluctuations in ambient temperature or surges in electrical supply, offering long term optimum performance and reliability.
- Flexibility** – Optional pressure sensor interfaces with microcontroller to provide display of system pressure and furnace shut down if the gas supply fails.



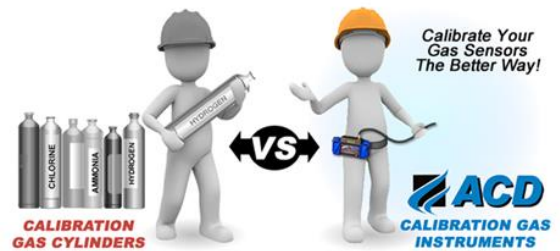
Calibration Gas Generators

What is ACD Calibration Gas?

Simply put, Advanced Calibration Designs are gas calibration devices that are superior to the previous approaches to calibrating gas detection monitors by generating gas on demand as required.

Advanced Calibration Designs exceed the limitations of all previous forms of calibrating gas monitors. They do this through Integrated and Expandable products that provide the backbone of the new era in calibration gas standards.

- Most economical method to calibrate sensors and instruments
- Portable and easy to ship
- No inherent shelf life
- NIST traceable
- EASY to use
- No gas storage or wastage
- Expandable, one unit, many gases
- Gas supply or simple bump testing



Popular Gases include, but are not limited to:

- H₂S
- Cl₂
- ClO₂
- HCN
- H₂
- Ozone
- NO₂
- NH₃



Model	Certified Calibration Gas
CAL 2000 CAL 2000LT*	<ul style="list-style-type: none"> Cl₂ Chlorine* ClO₂ Chlorine Dioxide H₂ Hydrogen* H₂S Hydrogen Sulfide* HCN Hydrogen Cyanide*
MiniBump	<ul style="list-style-type: none"> Cl₂ Chlorine H₂ Hydrogen H₂S Hydrogen Sulfide HCN Hydrogen Cyanide
GENie EC** GENie O3 GENie QC-1	<ul style="list-style-type: none"> NH₃ Ammonia (GENie QC-1) Cl₂ Chlorine ClO₂ Chlorine Dioxide H₂ Hydrogen (GENie EC) H₂S Hydrogen Sulfide** HCN Hydrogen Cyanide** O₃ Ozone (GENie O3)
CAL 101 CAL 101 Bump	<ul style="list-style-type: none"> Cl₂ Chlorine H₂ Hydrogen H₂S Hydrogen Sulfide HCN Hydrogen Cyanide
QC-50 QC-100	<ul style="list-style-type: none"> NH₃ Ammonia C₆H₁₄ Hexane HCl Hydrogen Chloride C₇H₈ Toluene



Tel: +44 (0) 1342 893 239

For sales please contact: sales@spantech.co.uk

General and wholesale enquiries please contact: info@spantech.co.uk

Be social, find us on...



@spantechproducts

Spantech House, Lagham Road, South Godstone, Surrey, RH9 8HB, UK

With partner offices in Poland, India and USA

SPANCAN™

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