

# Leaders in Specialty Gas Solutions



Water & Wastewater  
Treatment Solutions

## GAS SAMPLE CONDITIONING SYSTEM (GSCS):

A custom designed single or multiple sensor sampling system suited to monitor gas or vapour atmospheres from extreme environments containing temperature, humidity, particulate or pressure challenges.

- Designed for continuous sampling in hazardous and non-hazardous area locations
- Reduced sensor replacement & maintenance costs due to moisture & contamination control
- Proven design used for sampling from sewers, digesters, drains, confined spaces, tank cleaning, exhaust ducts, etc
- Faster response time with sample flow-through design powered by internal diaphragm pump
- Humidity removal ensures accurate sensor readings even in highly humid environments
- Can be used with any manufacturers fixed system or portable gas monitoring device.



## CALIBRATION GAS FOR GAS DETECTION INSTRUMENTS:

Gas mixtures in disposable or large volume high pressure cylinders are available for every gas detection application including CL<sub>2</sub>/H<sub>2</sub>S/CO/CO<sub>2</sub>/NH<sub>3</sub>/CH<sub>4</sub>/VOC/O<sub>2</sub> and others.

With over eight cylinder sizes available we have the cylinder size to meet your requirements. Flow or pressure regulators are available for all gas mixtures and cylinders sizes in brass or stainless steel.



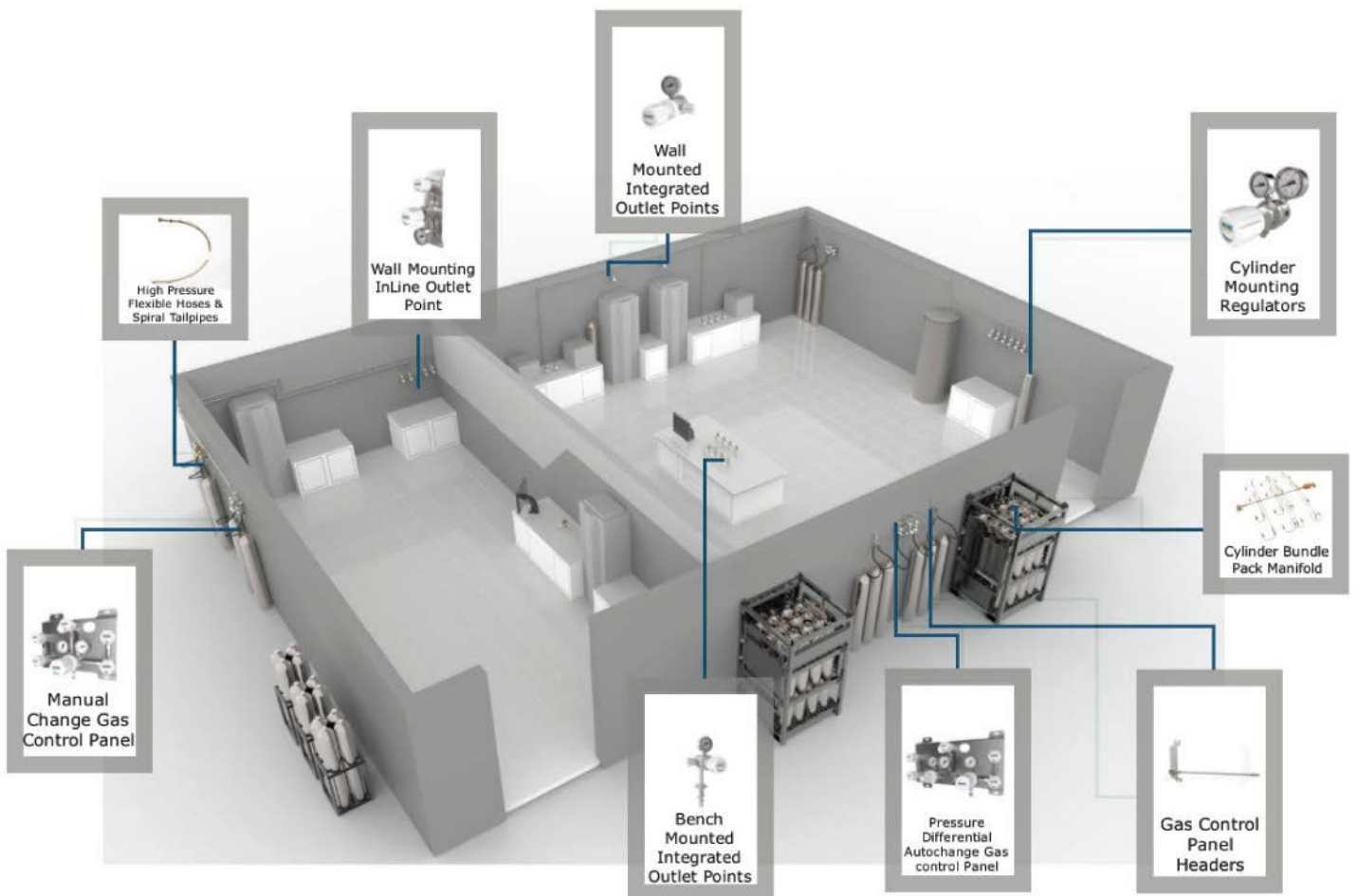


## SPECIALTY GAS FOR LABORATORY APPLICATIONS:

Specialty Gas & High Purity Gas Mixtures: Gas mixtures are available in multiple cylinder sizes providing flexibility for research applications or continuous gas analysis applications.

## GAS CONTROL:

Everything required for carrier gas or specialty gas mixtures to be delivered from the gas cylinder to the point of use. Cylinder regulators, wall mounted regulators, manifolds, outlet points and delivery systems are available in brass, nickel plated brass and stainless steel.



Gas Mixtures

Gas Control

Gas Generators

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## LOW LEVEL H2S FOR ODOUR CONTROL:

Measurement of low concentrations of H<sub>2</sub>S is necessary to prevent nuisance odours from impacting the local community. Hydrogen sulphide concentrations down to 1ppm are available in gas cylinders. Using a gas calibrator can provide gas concentration down to .05ppm.

## GAS GENERATORS:

Are an alternative to gas cylinders for carrier gas applications. Gas generators are available for Hydrogen, Nitrogen and Zero Air requirements.



## GAS CALIBRATORS:

Gas calibrators can be used for gas mixtures where cylinder gases are not available such as chlorine dioxide and ozone. Other gases such as chlorine, hydrogen, hydrogen sulphide and hydrogen cyanide are also available.



## GAS MIXERS:

Expand your specialty gas mixture capability through the use of a gas mixer. With the use of a single gas mixture, they are capable of creating many different gas concentrations. Gas mixers are completely programmable and can store your favourites in memory or create new mixture concentrations as your applications change.



## BUMP TEST STATIONS:

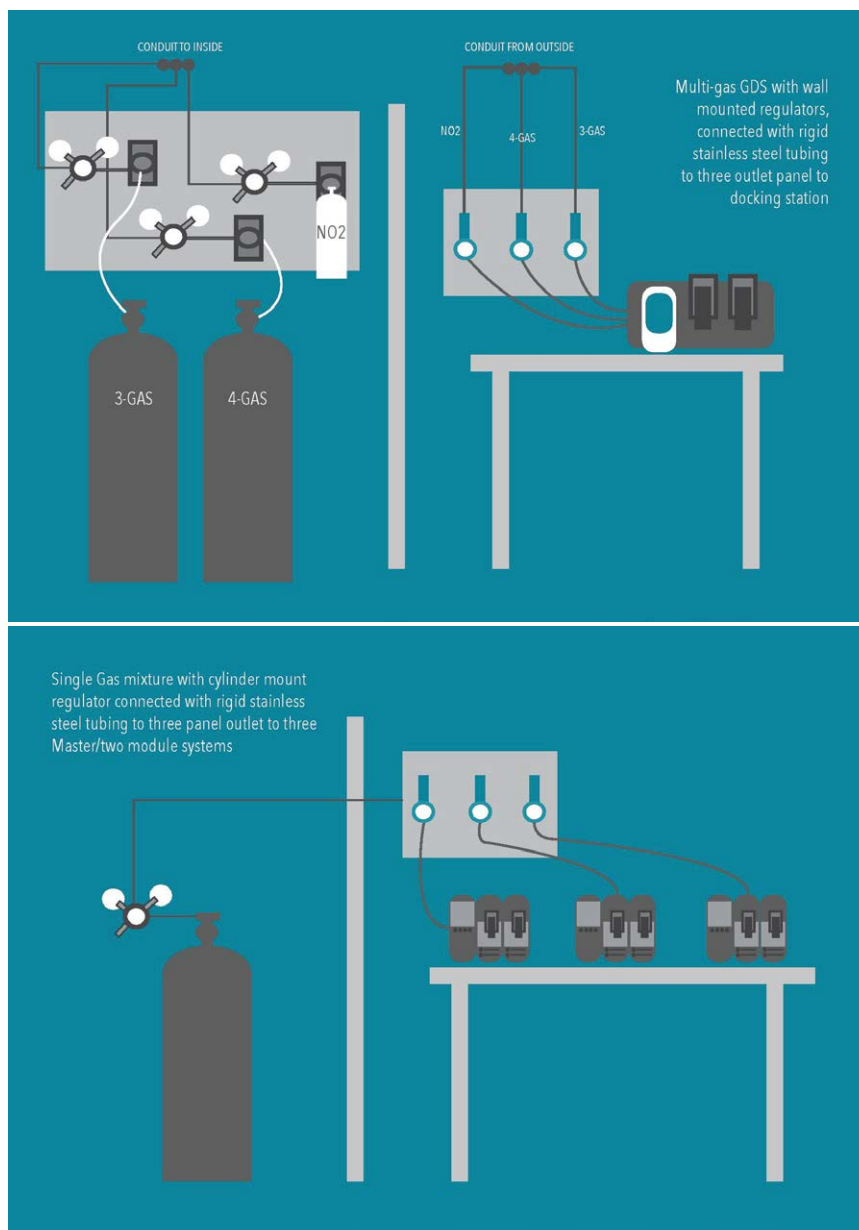


The BTS-X is the newest product for bump testing or calibration testing hand held gas detectors. Completely pneumatic, the BTS-X operates using the calibration (test) gas. With no batteries or mains power the BTS-X can be located anywhere in the water or wastewater treatment facility.

Used with either disposable or high pressure cylinders, the BTS-X can be ready to go in minutes. One button operation provides up to 60 seconds of continuous gas flow for testing two instruments simultaneously.

## GAS DISTRIBUTION SYSTEMS FOR DOCKING STATIONS:

The GDS-100 provides the solution for connecting high pressure cylinders to docking station systems. The GDS-100 panel(s) system can provide calibration /test gas to as many docking station locations as required. A complete system can include gas mixtures, regulators, gas cage, connecting hose, outlet panels and point of use regulators. The GDS-100 is designed to meet customer's specific application.





# CAC

GAS&INSTRUMENTATION

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