

# GAZ-CAL

## Calibration & Test Gas Generator for Chlorine

Some gases are difficult or even impossible to obtain reliably in compressed gas cylinder form. This is because these gases are very chemically reactive. They may interact with the cylinder walls or react with other gases in the mixture. Chlorine (Cl<sub>2</sub>) is such a gas.

To overcome these difficulties, we've designed a gas generator that can reliably and accurately provide calibration and test gas for Cl<sub>2</sub> at low concentrations.

### APPLICATIONS

To ensure that gas detection equipment is functioning correctly, the Gaz-Cal™ can be used to provide reliable laboratory and on-site calibration and test gas for Cl<sub>2</sub> gas detectors.

### WHERE CAN THE GAZCAL BE USED?

- Water treatment
- Swimming pools
- Chemicals manufacture
- Test & calibration
- Laboratory

### HOW DOES IT WORK?

The Euro-Gas gas generator provides a low concentration of calibration gas by using a solid-state electrochemical cell. When the instrument is operating, this generating cell produces a small quantity of the gas. A closely controlled air flow, provided by the pump, then dilutes the gas to the required concentration.

It is not necessary to have any type of measuring device incorporated into the generator, as an accurate concentration

of gas is provided every time. Literally thousands of calibrations can be carried out by one generating cell. Once the effective life of the cell is over, a new generating cell can be installed.



### KEY FEATURES

- Provides 0.5 – 20.0 ppm concentrations in 0.1 ppm steps
- Available in 0.5 and 1.0 litre per minute flow rate options
- Dial-up digital display ensures ease of setting the required ppm level
- Cell life indicator shows effective life of the generation cell
- Mains or rechargeable battery operation
- Internal pump provides air flow
- Rugged construction for the most aggressive environments

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## SPECIFICATIONS Specifications subject to change without notice

<b>Generating Range:</b>	0.5 – 20 ppm
<b>Flow Rates:</b>	0.5 or 1.0 litre per minute (factory set)
<b>Calibration Options:</b>	Low range – 1ppm & 3ppm Mid range – 5ppm & 10ppm Full range – 10ppm & 20ppm
<b>Cell Life:</b>	500 ppm hours
<b>Power Supply:</b>	110V or 240V 50/60 Hz mains or internal rechargeable battery
<b>Dimensions:</b>	240 x 110 x 220 mm (Width x Depth x Height)
<b>Weight:</b>	3.0 Kg



**t** +61 8 6108 0000

**e** [info@gastech.com](mailto:info@gastech.com)

**w** [gastech.com](http://gastech.com)

**HEAD OFFICE**  
24 Baretta Road  
Wangara WA 6065  
Phone: +61 8 6108 0000

**SYDNEY OFFICE**  
21/25 Narabang Way  
Belrose NSW 2085  
Phone: +61 2 9451 0054

**BRISBANE OFFICE**  
PO Box 349  
Cannon Hill Qld 4170  
Phone: +61 7 3160 0901

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