

NON-REFILLABLE CYLINDERS CALIBRATION & TEST GAS GENERATOR FOR CHLORINE

KEY FEATURES AND BENEFITS

- Provides 0.5ppm - 20.0ppm concentrations in 0.1 ppm steps
- Available in 0.5 & 1.0 litre/minute flowrate 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



Some gases are difficult to obtain reliably in compressed gas cylinder form, Chlorine (Cl₂) is one such gas. To overcome these difficulties, CryoService offer a generator that can reliably and accurately provide Chlorine at low concentrations for use as a calibration and/or test gas, helping to overcome transport and portability issues related to high pressure cylinders.

Application

GazCal™ can be used to provide reliable laboratory and on-site calibration and test gases for Cl₂ gas detectors, to ensure correct function of gas detection equipment in:

- Water treatment
- Swimming pools
- Chemicals manufacture

How They Work

GazCal™ provides low concentrations of Chlorine using a solid-state electrochemical cell. When the instrument is operating, the generating cell produces a small quantity of Chlorine and a closely controlled air flow, provided by a pump, 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.

Specification

GazCal™	
Concentration Range	0.5ppm - 20.0ppm (calibrated at 0.5ppm - 5ppm or 5ppm - 20.0ppm)
Flowrates	0.5 or 1.0 l/min (factory set)
Cell Life	500 ppm hours
Power Supply	110 or 240V 50/60 Hz mains or internal rechargeable battery
Dimensions	240 (W) x 110 (D) x 220 (H) mm
Weight	2 Kg

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