

THE CAL 2000_{LT}



ELECTROCHEMICAL CALIBRATION GAS

The **CAL 2000 LT** is an economical alternative for calibration of corrosive gas detection equipment. The **CAL 2000 LT** is available in pre-set flow-rates of 0.5 or 1.0 LPM. Generating cells are rated at ten hours and are available for chlorine, hydrogen, hydrogen cyanide and hydrogen sulfide. A gas concentration must be specified when ordering generating cells, over a range of 1 to 25 ppm in whole ppm increments. To change gas type or concentration simply insert a different cell into the instrument.

The **CAL 2000 LT** is microprocessor controlled and has an LCD display allowing easy user access to information such as cell life remaining, battery status, gas concentration and flow-rate. The generating cells are interchangeable and field replaceable and come with a one year warranty.

The **CAL 2000 LT** gas generator has a built-in mass flow sensor that automatically compensates for altitude and temperature. Both the **CAL 2000 LT** instrument and the gas generating cells are NIST certified + 10% accurate for one year. Instruments and cells can be re-certified at the ACD factory. Best of all, when you are ready for more options or longer life cells, the **CAL 2000 LT** can be easily upgraded to the **CAL 2000**.

The **CAL 2000 LT** gas generator's features include:

- Non-Hazardous shipping
- NIST traceable certificate
- Alkaline battery powered
- Upgradeable to CAL 2000 instrument
- Built-in mass flow sensor
- Interchangeable calibration gases

Specifications

Chlorine (Cl₂)	1-25 ppm
Hydrogen (H₂)	1-25 ppm
Hydrogen Cyanide (HCN)	1-25 ppm
Hydrogen Sulfide (H₂S)	1-25 ppm
(Specify gas type and ppm concentration when ordering generating cells for the CAL 2000 LT instrument. Gas concentrations must be in whole ppm increments.)	
Air Flow Rate.....	0.5 or 1 LPM (Specify when ordering)
Useful Cell Life.....	10 hours
Warm-up time (to 90%).....	Approximately 5 minutes
L x W x H.....	8.50 x 4.25 x 3.00" (21.59 x 10.8 x 7.62 cm)
Weight.....	3 lb. (1360 g)
Operating Temperature.....	0° C to 50° C
Relative Humidity (intermittent use).....	0 -100%
Accuracy.....	±10%
Repeatability.....	±5%
Battery Power.....	4 alkaline "C"
Approximate Battery Life.....	10 hours