

# CAL-2000LT

The Best Method for  
Calibrating Gas Monitors



- CSA NRTL/C Exia T-6 approved intrinsically safe with CE mark and ATEX certification.
- Non-hazardous shipping.
- Built-in mass flow sensor.
- Alkaline battery powered.
- NIST traceable certificate.
- Interchangeable calibration gases. Multiple languages included.

## Versatile

The CAL 2000 LT is a microprocessor controlled calibration gas instrument with interchangeable and field replaceable gas generating sources. Each source provides up to 25 cylinders or 25 hours worth of gas at a fraction of the cost. A built-in mass flow sensor automatically compensates for altitude and temperature.

The instrument is available in preset flow-rates of 0.5 or 1.0 LPM. Generating sources are rated at ten or 25 hours and are available for chlorine, hydrogen, hydrogen cyanide and hydrogen sulfide. A gas concentration must be specified when ordering generating sources over a range of 1 to 25 PPM in whole PPM increments. To change gas type or concentration simply insert a different source into the instrument.

## Specifications

Air Flow Rate (with internal pump)	0.5 or 1 LPM
(flow rate must be specified when ordering)	
Useful Source Life	10 or 25 hours
Warm-up time (to 90%)	Approx. 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	0 -100%
(intermittent use)	
Accuracy	±10%
Repeatability	±5%
Battery Power	4 alkaline "C"
Battery Life	10 hours

## Gas Options

Gas		PPM
Cl <sub>2</sub>	Chlorine	1.0 - 25
H <sub>2</sub> S	Hydrogen Sulfide	1.0 - 25
H <sub>2</sub>	Hydrogen	1.0 - 25
HCN	Hydrogen Cyanide	1.0 - 25

Certifications	CSA, ATEX, CE
Available Generating Life	10 or 25 hours
Non-hazardous Shipping	Yes
Interchangeable Gases	Yes
No Shelf Degradation	Yes
Mass Flow Feedback	Yes



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