

CAL-2000

Unmatched Versatility and Accuracy

- NIST traceable certification.
- Interchangeable calibration gases.
- Adjustable PPM and flow rate.
- Unlimited shelf life.
- Non-hazardous shipping.
- Intrinsically safe (CSA Certified).



Versatile

Field replaceable electrochemical generating Sources provide a standard for accurately calibrating both fixed and portable detection systems from any manufacturer.

The CAL 2000 is microprocessor controlled and has an LCD display allowing field adjustable concentration and flow rate. The generating Sources are interchangeable and field replaceable. Best of all, the CAL 2000 generating Source provides up to 50 times as much calibration gas as a disposable cylinder at approximately the cost of just two cylinders.

Accurate

The CAL 2000 gas instrument has a built-in mass flow sensor that automatically compensates for altitude and temperature.

Specifications

Source Type	Range @ 0.5 LPM Flow
Chlorine Micro-Source (Cl ₂)	0.05 - 1.0 ppm
Chlorine (Cl ₂)	0.5 - 50.0 PPM
Chlorine Dioxide (ClO ₂)	0.5 - 5.0 PPM
Hydrogen (H ₂)	0.5 - 50.0 PPM
Hydrogen Cyanide (HCN)	0.5 - 50.0 PPM
Hydrogen Sulfide Micro-Source(H ₂ S)	0.05 - 1.0 PPM
Hydrogen Sulfide (H ₂ S)	0.5 - 50.0 PPM
Nitrogen Dioxide (NO ₂)	0.05 - 5.0 PPM
Ammonia (NH ₃)	1.0 - 100.0 PPM
Air Flow Rate (with internal pump)	0.2 to 1 LPM
Sample draw rate (with pump disabled)	0.2 to 1 LPM
Useful Source Life	10, 50 or 100 hours
Warm-up time (to 90%)	Approx. 5 mins.
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% (±5% available)
Repeatability	±5%
Battery Power	4 alkaline "C"
Battery Life	10 hours (at .5 LPM flow rate)

Gas Options

Gas	Gas Name	PPM
NO ₂	Nitrogen Dioxide	.05 - 5
NH ₃	Ammonia	1.0 - 100
Cl ₂	Chlorine	.05 - 50
ClO ₂	Chlorine Dioxide	0.5 - 5
H ₂ S	Hydrogen Sulfide	.05 - 50
H ₂	Hydrogen	.5 - 50
HCN	Hydrogen Cyanide	.5 - 50
Concentration		Adjustable
Certifications		CSA, ATEX, CE
Available Generating Life		10, 50 or 100 hours
Non-hazardous Shipping		Yes
Interchangeable Gases		Yes
No Shelf Degradation		Yes
Mass Flow Feedback		Yes



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