The Cal 2000

Electrochemical Calibration Gas

Specifications

Chlorine Micro-Cell (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-Cell(H_2S).....0.05 - 1.0 ppm
Hydrogen Sulfide (H_2S).....0.5 - 50.0 ppm
(ppm is variable with flow rate, output given at 0.5 lpm)

Air Flow Rate (with internal pump).....0.2 to 1 LPM
Sample draw rate (with pump disabled).....0.1 to 5 LPM
Cell Life.....50 or 100 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"
Battery Life.....10 hours (at .5 LPM flow rate)

The **Cal 2000** provides unmatched versatility and accuracy in corrosive calibration gases. Field replaceable electro-chemical generating cells provide a calibration standard for accurately testing chlorine, chlorine dioxide, hydrogen, hydrogen cyanide, and hydrogen sulfide gas sensors.

The **Cal 2000** is microprocessor controlled and has an LCD display allowing field adjustable ppm and flow rate. The generating cells are interchangeable and field replaceable. Best of all, the **Cal 2000** provides up to ***50 times*** as much calibration gas as a disposable cylinder at approximately the same cost. The electrochemical generating cells do not degrade over time.

The **Cal 2000** gas generator has a built-in mass flow sensor that automatically compensates for altitude and temperature. The mass flow sensor combined with the instruments internal pump, provide extreme flexability for calibrating both diffusion and sample draw detection systems.

The **Cal 2000** gas generator's features include:

- compact "hand-held" design
- automatic purge on shut down
- adjustable ppm and flow rate
- alkaline battery powered
- low power consumption
- interchangeable calibration gases

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