

## THE EC CAL



### ELECTROCHEMICAL GAS GENERATOR

ACD proudly introduces the **EC Cal**, the world's most versatile electrochemical gas generator available for accurately testing chlorine hydrogen, hydrogen cyanide, or hydrogen sulfide gas sensors.

The **EC Cal** gas generator has a built-in mass flow controller that automatically compensates for altitude and temperature. The **EC Cal** uses an internal pump for calibrating diffusion sensors, or the pump can be disabled for calibrating sample draw sensors.

The **EC Cal** 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 **EC Cal** provides up to 50 times as much calibration gas as a disposable cylinder at approximately the same cost.

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

- compact "hand-held" design
- low power consumption
- alkaline battery powered
- adjustable ppm and flow rate
- automatic purge on shut down
- replaceable generating cell

### Specifications

<b>Chlorine (Cl<sub>2</sub>)</b> .....	0.5 - 30 ppm
<b>Hydrogen (H<sub>2</sub>)</b> .....	0.5 - 30 ppm
<b>Hydrogen Cyanide (HCN)</b> .....	1.0 - 60 ppm
<b>Hydrogen Sulfide (H<sub>2</sub>S)</b> .....	0.5 - 30 ppm

(ppm is variable with flow rate, output given at 1/2 lpm)

Air Flow Rate (with internal pump).....	0.2 to 1 LPM
Sample draw rate (with pump disabled).....	0.1 to 5 LPM
Useful Cell Life.....	50 hours
Warm-up time (to 90%).....	Approximately 5 minutes
L x W x H.....	6.25 x 3.54 x 1.83" (15.8 x 9.0 x 4.6 cm)
Weight.....	1 lb. (450 g)
Operating Temperature.....	0° C to 50° C
Relative Humidity (intermittent use).....	0 -100%
Accuracy.....	±10%
Repeatability.....	±5%
Battery Power.....	4 alkaline "AA"
Battery Life.....	6-8 hours (depending upon flow rate)