

## Hydrogen Calibration Gas



### Specifications

<b>Hydrogen (H<sub>2</sub>)</b> .....	50 - 1,250 ppm <i>(ppm range varies with flow rate. Minimum and maximum concentrations are shown)</i>
Air Flow Rate.....	0.2 to 1.0 LPM
Warm-up time.....	300 Seconds
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%
Battery Power.....	4 alkaline "C"
Battery Life.....	Approx. 10 hrs. at .5 LPM

ACD is proud to introduce the **HydroGen**, our newest electrochemical gas generator. The **HydroGen** gives hydrogen calibration gas using an 'unlimited life' electrochemical gas generating cell. The cell is capable of generating hour after hour of calibration gas with no pre-set end of service life.

The **HydroGen** is microprocessor controlled and has an LCD display allowing field adjustable ppm and flow rate. With a range from 50 ppm to 1,250 ppm, the **HydroGen** allows calibration on a variety of sensors. In addition, the **HydroGen** can easily be changed from English to French, German or Spanish in the field.

The **HydroGen** gas generator has a built-in mass flow sensor that automatically compensates pump flow for altitude and temperature. The mass flow sensor combined with our advanced electrochemical cell technology provide a highly accurate calibration source.

The **HydroGen** gas generator's features include:

- Non-Hazardous shipping
- Adjustable ppm and flow rate
- Low power consumption
- Automatic purge on shut down
- Alkaline battery powered

