



# CAL 101

## Calibration Gas Source

### Specifications



**Chlorine (Cl<sub>2</sub>)** ..... Available from 0.5 - 25 PPM  
**Hydrogen Sulfide (H<sub>2</sub>S)**..... Available from 0.5 - 25 PPM  
**Hydrogen (H<sub>2</sub>)**..... Available from 0.5 - 25 PPM  
**Hydrogen Cyanide (HCN)**... Available from 0.5 - 25 PPM  
 (Output must be specified by customer upon ordering)

Air Flow Rate. ....0.5 LPM  
 Replacement Cell Life..... .2 hours  
 L x W x H ..... 5.0" x 3.5" x 1.5" (12.7 x 8.89 x 3.8 cm)  
 Weight.....1 lb. (454 g)  
 Operating Temperature.....0° C to 50° C  
 Relative Humidity (intermittent use).....0 - 100%  
 Accuracy.....±10%  
 Battery Power.....2 Alkaline "AA"  
 Battery Life..... Approximately 10 hours

ACD is proud to introduce the **CAL 101** our newest low cost electrochemical gas generator. Field replaceable electro-chemical generating cells provide a calibration standard for accurately testing Chlorine, Hydrogen Sulfide, Hydrogen and Hydrogen Cyanide sensors. This calibration method is approved under the ISO DIS 6145-11 standards. The instrument is also designed to meet intrinsic safety requirements.

The **CAL 101** is non-hazardous to ship and will not degrade over time. The electrochemical generating cell is interchangeable and provides multiple gas and concentration options quickly, safely and easily. By simply inserting the appropriate cell in the instrument, the user is ready to calibrate.

The **CAL 101**'s compact size and light weight provide for a safe and easy calibration even for the least accessible detection points. The two "AA" batteries powering the instrument combined with an efficient design provide the user with a light-weight instrument weighing approximately 1 pound or 0.5 Kg.

The **CAL 101** will be sold as a kit including a **free** generation cell (specify gas and concentration), two "AA" batteries, a delivery hose, and an instruction manual.

The **CAL 101** gas generator's features include:

- Non-Hazardous shipping
- Compact "hand-held" design
- Low power consumption
- Designed to meet intrinsic safety requirements
- Interchangeable calibration gases and concentration
- Lowest cost calibration
- Alkaline battery powered