

# miniGEN

## Calibration Gas or Bump Tester



- Interchangeable calibration gases
- Zero air sources and capabilities
- Alkaline battery powered
- Disposable generating source
- ATEX II 3G EEx nL IIB T4 approved

The MiniGen is the smallest, most lightweight and adaptive calibration gas source on the market. It is our lowest entry cost product as well as our simplest to use. The MiniGen operates with interchangeable generating sources providing either fixed concentration output for calibration, or 'bump' output to drive your detector into alarm for operational verification.

Available in hydrogen sulfide, chlorine, hydrogen, hydrogen cyanide and ammonia.

The complete device fits into your shirt pocket and provides the equivalent of five 58 liter cylinders of gas with each generating source.

### Calibration Sources

Gas		Approx PPM Output
Cl <sub>2</sub>	Chlorine	Specify
H <sub>2</sub> S	Hydrogen Sulfide	Specify
HCN	Hydrogen Cyanide	Specify
H <sub>2</sub>	Hydrogen	Specify
NH <sub>3</sub>	Ammonia	Specify

### Bump Sources

Gas		PPM Output (1-25)
Cl <sub>2</sub>	Chlorine	5
H <sub>2</sub> S	Hydrogen Sulfide	25
HCN	Hydrogen Cyanide	10
H <sub>2</sub>	Hydrogen	25
NH <sub>3</sub>	Ammonia	25

### Specifications

Useful Source Life	Calibration sources, 5 hours Bump sources, 1000 bumps
Bump Test Time	Less than 120 seconds
L x W x H	4.09 x 2.36 x 1.18" (10.4 x 6.0 x 3.0 cm)
Weight	0.5 lb. (220 g)
Operating Temperature	-40° C to 50° C
Relative Humidity (intermittent use)	0 -100%
Battery Power	2 alkaline "AA"
Battery Life	10 hours
Accuracy	+/- 10%

### Gas Options

Gas		PPM
Cl <sub>2</sub>	Chlorine	1 - 25
H <sub>2</sub> S	Hydrogen Sulfide	1 - 25
H <sub>2</sub>	Hydrogen	1 - 25
HCN	Hydrogen Cyanide	1 - 25
NH <sub>3</sub>	Ammonia	1 - 25

  

Concentration	Source defined
Accuracy	± 10%
Available Generating Life	Source defined
Non-hazardous Shipping	Yes
Interchangeable Gases	Yes
No Shelf Degradation	Yes



Advanced Calibration Designs, Inc.  
2024 W McMillan St. Tucson, AZ 85705 USA  
www.goACD.com . acd@goACD.com  
520-290-2855 . 800-737-0223