

# INFRARED METHANE CH4 GAS SENSOR CU-1000



The Infrared Methane CH4 Gas Sensor (CU-1000) is a GasLab exclusive power management capable sensor which enables you to stop the sensor's measuring activity via the software, making it an invaluable means for portable operations.

## FEATURES

- Cubic power management function
- Zero and Span calibration
- Provides for Span adjustment
  - Expanded or compressed for a broad range of applications outside direct CH4 LEL measurement
- Atex for combustible environments
- Stable performance
- Voltage and RS232 output available
- UART Communication
- **COMING SOON:** GasLab Software compatibility

## SPECIFICATIONS

- **Measurement Range:** 0-5%
- **Sensing Method:** NDIR
- **Rate of Measurement:** 1 reading >1sec
- **Warm Up:** 30s
- **Response Time:** <25s
- **Zero Drift:** 1% measurement per month
- **Operating temperature range:** -40°~70°C
- **Sensor Life Expectancy:** > 5 years
- **Dimensions:** 0.79 x 0.75 in.
- **Measurement Intervals:** 100ppm
- **Working Voltage:** 3.5-6VDC
- **Output Voltage:** 0.4V-2VDC

## ACCESSORIES

- Tube Cap

## INDUSTRIES



Landfills



Environmental Monitoring



Algae



Fracking