

QED/Landtec

Landtec SEM5000 Portable Methane Detector

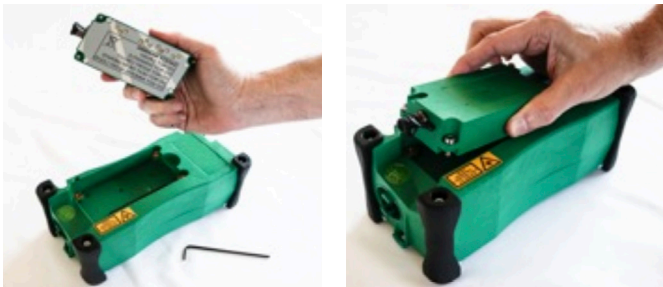
Pine Item #56112

DESCRIPTION:

The SEM5000 Portable Methane Detector is the ideal instrument for landfill surface emissions monitoring, reporting and detecting potential leaks at wellheads and surface penetrations. Thanks to our patented laser technology, the SEM5000 is selective, specifically to methane and is able to detect methane emissions from 0.5ppm to 100% concentration. The SEM5000 is ATEX Zone 1 certified and meets all Method 21 requirements, making it the perfect tool for regulatory compliance.

FEATURES:

- Specific to Methane no cross-gas or false readings
- Wide measurement range (less than 2.5 seconds)
- Integral GPS and Bluetooth
- GPS accuracy: 2-4 meters
- Meets EPA method 21 requirements
- ATEX certified - Zone 1
- Laser technology
- Hot swap battery

**Contact a Pine branch near you to request a quote or place an order**

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United Stateswww.pine-environmental.com**Canada**www.pine-environmental.ca

Product Specifications

Target Gas	Methane (CH ₄)
Detection Method	Tunable Diode Laser Absorbtion Spectroscopy
Measurement Range	0.5ppm to 100% volume
Instrument Resolution	0.1ppm (0 - 100ppm), 1ppm (100 - 1000ppm), 5ppm (1000 - 5000ppm), 10ppm (5000 - 10000ppm)
Pump Flow Rate	0.6 to 1.0 l/min
Sampling Probe Outside Diameter	4mm
Intrinsic Safety	Atex Zone: II 2 G Ex ib op is IIB T3 Gb -25°C
Response Time	T90 = 2.5 seconds T90 = 3.5 seconds (w/probe)
GPS Accuracy	2 to 4 meters
Power Supply	Lithium Ion Rechargeable Battery Pack (3.7V - 4000mA/h)
Battery Autonomy	10 hours at 68°F (with backlight activated). 8 hours at extreme temperatures
Battery Charge Duration	8 to 10 hours to full charge
Temperature Range	-13°F to 122°F
Warm Up Time	30 to 60 seconds
Weight	US: 3.5 lbs Metric: 1.6kg



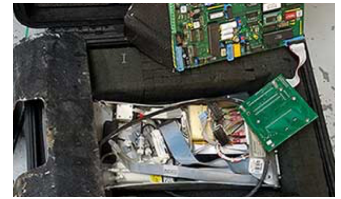
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan