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Model
IN-AET-055-PA

Portable Ozone Spot Checker



Ideal for Locating and Repairing Ozone Leaks

The Model IN-AET-055-PA is a new state of the art Hand Held Ozone Spot Checker. It is ideal for applications that require locating and instantly quantifying low levels of Ozone in and around any ozone installation with precision. The IN-AET-055-PA is very compact; it fits in the palm of a hand and is battery operated. Therefore it is ready to perform the measurement you need anywhere you need it.

The IN-AET-55-PA is based on Semiconductor Thin Film Sensing technology. The sensing element consists of a proprietary substrate that is designed to be highly sensitive to Ozone. In the presence of ozone the substrate changes its electrical resistance. The on board microprocessor measures this change of resistance precisely and converts it instantly into an ozone concentration expressed in PPB_v. This precise measurement is continuous and can be viewed on an easy to read digital display. The measurement can also be accessed through built-in USB and Analog Output data ports. These features and more render the IN-AET-055-PA the best in its class, making it an ideal instrument to locate and quantify Ozone levels instantly and precisely.

Applications:

- For spot checking and locating ozone leaks
- Ideal to ensure ozone levels are below OSHA limits
- To measure ambient ozone levels in:
 - Water Treatment Plants
 - Food and Beverage Facilities
 - Bio Pharma and Personal Care Facilities
 - Semiconductor Facilities

Key Features:

- Microprocessor based
- Semiconductor Substrate Sensor Technology
- Ozone Specific
- Calibrated to NIST Standards
- Very rapid response time
- Analog Output
- USB port compatible
- Peak hold to record highest value
- On board memory for data storage
- Visual and audible alarm
- Light weight and compact
- Battery operated

Specifications **Model IN-AET-055PA™**

Measuring Principle	Semiconductor Substrate Sensor Technology
Measuring Range	0 to 1,999 PPB _v
Units of Measure	PPB _v
Precision / Repeatability	± 30 PPB _v between 0 and 200 PPB _v ; +/- 15% from 200 PPB _v and above
Linearity	Better than 95% between 0 and 2 PPM _v
Calibrated Standard	NIST Traceable
Response time	1.0 second (once the sensor has been on for 60 seconds or longer)
Readout	4 digit LCD display
Alarms	Audible and Visual
Analog output	0 to 1.999 VDC = 0 to 1,999 PPB _v
Digital Interface	USB port compatible for continuous data logging
Memory	On board memory to store over 2 days worth of continuous readings
Peak Hold Mode	Records and Displays highest value detected (standard)
Sampling Method	Built-in Micro Pump
Configuration	Hand Held
Dimensions (W x H x D)	75 x 134 x 24 mm (3 x 5.27 x 0.95") approx.
Weight	300 grams (0.66 lbs)
Diagnostic Features	Continuous internal diagnostics with error messages
Power Source	USB, AC Adaptor (100 to 240 VAC), or 2 AA Batteries
Battery life	12 hours of continuous operation

Specifications are subject to change without notice.

Ozone instrumentation for every application						
	Generator Output or Off Gas	Safety/Leak Detection	Tool Leak Detection	Stack & Environmental	Dissolved Ozone	Spot Checking
Model H1	•					
Model gFFOZ	•					
Model Mini-HiCon	•					
Model dFFOZ					•	
Model L2RM			•	•		
Model IN-2000		•	•	•		
Model IN-AET-055		•		•		•
Model OG Series						

Ozone Generators for a wide range of applications



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