

**APPLICATIONS:**

- Industrial hygiene and safety
- Oil and gas
- Chemical plants
- Pharmaceutical plants
- Government health, safety, security, and environmental agencies
- Hazardous materials teams, first responders
- Environmental applications
- Environmental consulting
- Soil remediation

RAE Systems

**RAE System ToxiRAE Pro
PID**

Pine Item #55487

DESCRIPTION:

The ToxiRAE Pro PID is the world's smallest wireless volatile organic compounds (VOC) monitor. The ToxiRAE Pro PID takes worker protection to the next level by providing safety professionals wireless access to real-time instrument readings and alarm status from any location for better visibility and faster response. Featuring RAE Systems' next-generation PID sensor, the ToxiRAE Pro PID can promptly detect and accurately monitor over 300 VOCs. With an onboard library of 190 correction factors, the ToxiRAE Pro PID can be programmed to automatically read in concentrations of the specified compound.

FEATURES:

- Wireless access to real-time instrument readings and alarm status from any location
- Unmistakable five-way local and remote wireless notification of alarm conditions
- Reliable, rugged, and intrinsically safe
- Largest display in its class
- Continuous datalogging
- Fully automated bump testing and calibration with AutoRAE 2
- User-replaceable sensor, filter, fan, and Lithium-ion battery

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

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

Product Specifications

Size	4.6" H x 2.4" W x 1.2" D (118 x 60 x 30 mm)
Weight	8.29 oz. (235 g)
Sensors	Photoionization sensor with 10.6 eV (standard) or 9.8 eV ^{2,3} (optional) lamp. Response time (T90) < 15 sec. (Isobutene). Field-replaceable sensor. Easy access to lamp for cleaning
Detectable Gases	A wide variety of ionizable chemicals using 190 built-in and over 300 published correction factors
Battery	Rechargeable Li-ion battery - Operating time: > 12 hours (normal operation, non-wireless) - Recharge time: < 4 hours through charging cradle
Display	Graphical LCD display with white LED backlighting (activated when monitor is in alarm or with a button press)
Display Readout	- Real-time reading of VOC concentrations in parts per million or mg/m ³ ; battery status; data logging on/off; wireless on/off and reception quality - STEL, TWA, and peak values
Keypad	2 buttons for operation and programming
Sampling	Internal fan
Calibration	Automatic with AutoRAE 2 Test and Calibration System ^{^2} or manual
Alarm Modes	- Wireless remote alarm notification ^{^1} ; audible (95 dB @ 30 cm), vibration, visible alarm (flashing bright red LEDs), and on-screen indication of alarm conditions - Man Down Alarm with pre-alarm and real-time remote wireless notification
Datalogging	Continuous datalogging ³ with a three-month capacity (at one-minute intervals) - User-configurable datalogging interval (from 1 to 3,600 seconds)
Communication And Data Download	- Data download and instrument set-up on PC via charging and PC comm. cradle - Data download via AutoRAE 2 Automatic Test and Calibration System - Wireless data and status transmission ¹ via built-in RF modem (optional)
Wireless Network	ProRAE Guardian Real-Time Wireless Safety System or Closed-Loop Network with the EchoView Host
Wireless Frequency	ISM license-free bands
Wireless Range (Typical)	ToxiRAE Pro PID to Mesh Router, EchoView Host, or Mesh Reader ^{^2} ~ 330 feet (100 meters) ToxiRAE Pro PID to RAELink3 Mesh or RAELink3 Z1 Mesh modems ~ 33 feet (10 meters)
Operating Temperature	-4° to 131°F (-20° to 55°C)
Humidity	0% to 95% relative humidity (non-condensing)
CE Compliance (European Conformity)	EMC directive: 2004/108/EC. R&TTE directive: 1999/5/EC. ATEX directive: 94/9/EC
Warranty	- Two years on non-consumable components - One year on all other sensors, battery, and other consumable parts



Video:
<https://youtu.be/JkLqL1yg-Zs>

Local Delivery Pick-up

In-Stock Equipment

Repair & Calibration

Rental Protection Plan