

PID Detectors

MultiRAE Plus

The MultiRAE Plus is a compact one-to-five gas monitor that combines a PID with O₂, LEL, and two toxic gas sensors. Its case allows quick and easy access to the battery and sensors simply by using a coin. With ATEX, UL, and CUL approvals, it provides protection in Homeland Security, HazMat, and emergency response, and is wirelessly enabled providing real-time data transmissions to a remote host controller up to two miles away.



MiniRAE 2000

The rugged MiniRAE 2000 is the most popular hand-held photoionization detector (PID) for VOC measurement ranging from 0-10,000 parts-per-million. The MiniRAE 2000 is used to monitor air pollution, leaking underground storage tanks, confined space entry, emergency response to hazardous spills, indoor air quality, personnel monitoring, and as a survey instrument.



AreaRAE

The RAE Systems' AreaRAE monitor is a one-to-five sensor wireless gas detector that includes a photoionization detector (PID) for measurement of VOCs, as well as LEL, O₂, and up to two electrochemical toxic sensors. Our wireless AreaRAE platform solution provides perimeter monitoring so that life-critical information is available anytime, anywhere.



ECM ECO Monitoring

Environmental & Process Monitoring instrumentation & systems

RAEGuard PID

The RAEGuard is a permanently mounted photoionization detector (PID) transmitter for monitoring volatile organic compounds (VOCs). Housed in an explosion-proof enclosure, the RAEGuard is equipped with a local digital display of gas concentration and functional keys for performing calibration.



UltraRAE

The UltraRAE is a specific compound monitor with a combination filter tube and Photoionization Detector (PID). Insert a RAE-Sep™ tube and get a total vapor reading or a specific compound reading for Benzene, Methylene Chloride, or Butadiene. This product is typically used by occupational health, safety, and environmental personnel. Other applications include tank entry, pre-screening during petrochemical plant maintenance, hazardous material response, and refinery down-stream monitoring.



ToxiRAE Plus PID

The ToxiRAE Plus PID is the world's first and only pocket-sized datalogging photoionization detector (PID). Its small size brings the "broad-band" capabilities of the PID/VOC detector to a personal level. This detector is a convenient tool that alarms when necessary. Designed to detect if VOC thresholds have been exceeded in HazMat, environmental cleanup, or industrial applications.

