



The rugged MiniRAE 2000 is the smallest pumped handheld volatile organic compound (VOC) monitor on the market. Its Photoionization Detector's (PID) extended range of 0-10,000 ppm makes it an ideal instrument for applications from environmental site surveying to HazMat/Homeland Security.

Key Features

- * Proven PID technology: The patented 3D sensor provides 3 second response up to 10,000 ppm and sets a new standard for resistance to moisture and dirt.
- * Self-Cleaning Lamp and Sensor: Our patented self-cleaning lamp and sensor minimize the need for maintenance and calibration.
- * The MiniRAE 2000 lamp and sensor come apart in seconds for easy maintenance without any tools!

- * Measure more chemicals than with any other PID: With over 100 Correction Factors built into the MiniRAE 2000's memory and the largest printed list of Correction Factors in the world (300+), RAE Systems offers the ability to accurately measure more ionizable chemicals than any other PID! When a gas is selected from MiniRAE 2000's library its alarm points are automatically loaded into the meter.
- * 3-year 10.6 eV Lamp Warranty. Lifetime Instrument Warranty.
- * Drop-in Battery: When work schedules require putting in more hours than the 10 hours supplied by the standard NiMH battery, the drop-in alkaline pack supplied with every MiniRAE 2000 lets you finish the job.
- * User friendly screens make it easy to use for simple applications and flexible enough for sophisticated options.
- * Rugged Rubber Boot: The standard rubber boot helps assure that the MiniRAE 2000 survives the bumps and knocks of tough field use.
- * Strong, built-in sample pump draws up to 100 feet (30m) horizontally or vertically.
- * Tough flexible inlet probe
- * Large keys are operable even with 3 layers of gloves
- * Easy-to-read display with backlight
- * Stores up to 267 hours of data at one minute intervals for download to a PC (with the optional datalogging)

Applications

Environmental

- * Soil and water headspace analysis
- * Leaking underground storage tanks
- * Perimeter fence line monitoring
- * Fugitive emissions (EPA Method 21)
- * Vapor recovery breakthrough
- * Landfill monitoring

HazMat/Homeland Security

- * Initial PPE (personal protective equipment) assessment
- * Leak detection
- * Perimeter establishment and maintenance
- * Spill delineation
- * Decontamination
- * Remediation

Industrial Hygiene, Plant Health & Safety

- * Confined space entry
- * Indoor Air Quality (IAQ)
- * Worker exposure studies