



The IAQRAE is the only indoor air quality (IAQ) monitor to combine a Photoionization Detector (PID) with traditional IAQ parameters like Temperature, Humidity, Carbon Dioxide (CO₂), and a user-selected toxic gas sensor in a one-to-five sensor package. The PID gives the IAQRAE the ability to measure 0-500 ppm of VOCs (volatile organic compounds) with 0.01 ppm (10 ppb) resolution.

RAE's proven PID technology gives IAQ investigators an ultra-sensitive VOC detection tool, delivering

immediate insight and diagnosis. Traditional IAQ monitors that only measure temperature, humidity, and CO₂ will miss important indoor contaminants such as molds and VOCs from construction, renovation, and office activities.

Key Features

- * Continuous monitoring of VOCs 0-500 ppm with 0.01 ppm (10 ppb) to 1 ppm resolution with PID sensor
- * Continuous monitoring of CO₂ 0-20,000 ppm with 10 ppm resolution
- * Continuous measurement of temperature and relative humidity

- * Toxic sensor socket accepts CO, H₂S, SO₂, NO, NO₂, Cl₂, HCN, NH₃, or PH₃ sensors
- * Built in diaphragm pump for sampling
- * At least 48 hours continuous operation from built-in Li-ion battery
- * 24/7 continuous operation when plugged into wall charger
- * Interchangeable Li-ion or alkaline battery pack
- * Data easily downloaded with ProRAE Suite software
- * Large digital display & keypad

Sources of VOCs

- * Cleaning and Maintenance Supplies
- * Carpets, Fabrics, Finishes, Furniture, and Building Materials
- * Office Equipment (copiers, printers)
- * Microbial Contamination (mold, fungus, etc.)
- * Human Occupancy (exhalation and perfume)
- * Renovations
- * Vocational Training Shops & Art Rooms
- * Pesticides