

# QRAE

## Simple and Reliable 4 Gas Monitor for Confined Space Entry

**QRAE** is a rugged, easy to use, economical, hand-held 4 gas monitor. It has a built-in robust internal pump with optional 20,000 point datalogging capacity.

### Features

- Reliable plug-in smart sensors
  - Combustible
  - Oxygen
  - Hydrogen sulfide
  - Carbon monoxide
- Robust external casing for harsh environments:
  - Strong protective rubber boot
  - Water and dust resistant
  - Rugged ABS plastic/metal case
  - Protects from interference by portable radios
- Ease of use with one hand operation
  - One button calibration with auto zero capability
- Strong built-in sample draw pump with optional collapsible remote sampling probe
  - Sample flow rate at 150cc/min
  - Patented security mechanism warns of sample tube crimping or blockage
  - Prevents liquid flow into monitor

- Power source features include:
  - Option of alkaline, Ni-Cd, and automotive 12V adapter charger
  - Field replaceable batteries
  - Smart battery charger with up to 10 hours
  - Unit will run and charge simultaneously
- Large keys operable with three layers of gloves
- Loud audible alarm
- Bright visual alarm
- Optional 20,000 point datalogging storage capacity for download to PC compatible with Windows™ 95, 98, 2000 and NT

### Applications

- Confined Space Entry
  - Waste water treatment plants
  - Marine and off shore oil wells
  - Landfill operations
  - Trenches, silos, railcars
  - Coal mines
  - Cruise ships
  - Sewers and manholes
  - Tunnels
- Refineries and petrochemicals plants including offshore drilling and plant shut downs
- Power plants
- Pulp and paper industry
- Steel mills



