

Eagle Portable Gas Detector Specifications

Enclosure:	Weatherproof, chemical resistant, RF/EMI coated high impact poly-carbonate-polyester blend. Can be set in rain or into 2.5" of water without damage. Ergonomically balanced with rugged top mounted handle.
Dimensions:	10.5" long x 5.9" wide x 7" tall.
Weight:	5 lbs.
Detection Principle:	Catalytic combustion, electrochemical cell, and infrared.
Sensor Life:	2 years under normal conditions.
Sampling Method:	Powerful, long-life pump (over 6,000 hours) can draw samples over 125 feet. Flow rate approximately 2.0 SCFH.
Display :	4 x 20 LCD readout with backlighting. Viewed through window in case top. Displays readings & status of all channels simultaneously.
Alarms:	2 alarms per channel plus TWA and STEL alarms. Fully adjustable for levels, latching or self-reset and silenceable.
Alarm Method:	Buzzer 85 dB at 30 cm, dual high intensity LED's, and blinking display.
Controls:	6 external push buttons for operation, demand zero, and auto-calibration. Buttons also access LEL/ppm, alarm silence, peak hold, TWA /STEL values, battery status and many other features.
Continuous Operating Hours:	30 hours minimum using alkaline batteries, or 18 hours using Ni-Cads.
Power Source:	Size D batteries, 4 alkaline or Ni-Cad. Charger has alkaline recognition to prevent battery damage if alkalines are charged.
Operating Temp. & Humidity	-10°C to 40°C (14°F to 104°F), 0 to 95% RH, non-condensing.
Indication Accuracy:	Maximum variance +/- 5% of full scale.
Response Time:	30 seconds to 90% (for most gases).
Safety Design:	Intrinsically Safe, Class I, Division 1, Groups A, B, C and D. CSA / NRTL & UL Classified (most versions).
Standard Accessories:	Shoulder strap, alkaline batteries, hydrophobic probe, and 5 foot hose (for special toxic gas versions, shorter Teflon hose used without probe).
Optional Accessories	<ul style="list-style-type: none">• Data-logging of up to 4 gases (No data-logging possible on 5 or 6 gas versions or versions with more than 2 toxic Sensors)• Remote alarm• Dilution fitting (50/50)• Ni-Cad batteries• Battery charger, 115 VAC, 220 VAC, or 12 VDC• Continuous Operation Adapter, 115 VAC or 12 VDC• Extra loud buzzer• Extension Probes• Internal Hydrophobic Filter (strongly recommended)
Warranty	One year material and workmanship.