

## Specifications:

Gas Detected	Combustible Gases (Methane as standard)	% Volume Methane	Oxygen (O <sub>2</sub> )	Hydrogen Sulfide (H <sub>2</sub> S)	Carbon Monoxide (CO)
<b>Detection Principle</b>	Catalytic combustion	Thermal conductivity	Galvanic cell	Electrochemical cell	
<b>Detection Range</b>	0 ~ 100% LEL 0 ~ 500 / 1,000 / 2,000 / 5,000 ppm	0 ~ 100% Vol.	0 ~ 40% Vol.	0 ~ 100 ppm	0 ~ 500 ppm
<b>Accuracy Statement (whichever is greater)</b>	± 5% of reading or ± 2% LEL (LEL mode only)	± 5% of reading or ± 2% of full scale	± 0.5% O <sub>2</sub>	± 5% of reading or ± 2 ppm H <sub>2</sub> S	± 5% of reading or ± 5 ppm CO
<b>Sampling Method</b>	Internal sample pump, flow rate nominal 0.5 LPM, includes hydrophobic filter				
<b>Display</b>	Digital LCD with 7 segments, auto backlight during alarm				
<b>Preset Alarms (User Adjustable)</b>	1st alarm 10% LEL 2nd alarm 50% LEL Over alarm 100% LEL	No alarms for % Vol. CH <sub>4</sub>	Low alarm 19.5% High alarm 23.5% Over alarm 40.0%	1st 5 ppm 2nd 30 ppm TWA 10 ppm STEL 15 ppm Over 100 ppm	1st 25 ppm 2nd 50 ppm TWA 25 ppm STEL 200 ppm Over 500 ppm
<b>Alarms Types</b>	Gas alarms: 1st and 2nd, STEL, TWA (user adjustable) and OVER Trouble alarms: Sensor connection, low battery, low flow, circuit trouble and calibration error				
<b>Alarm Methods</b>	Gas alarms: Flashing lights, two tone buzzer, and vibration Trouble alarms: Flashing lights, trouble displayed, intermittent buzzer, and vibration				
<b>Operating Temp. &amp; Humidity</b>	-20°C to +50°C (-4°F to 122°F) 0 to 95% RH, non-condensing				
<b>Response Time</b>	Within 30 seconds (T <sub>90</sub> )				
<b>Continuous Operation</b>	Alkaline battery: 15 hours Li-Ion battery: 10 hours 70°F (21°C)				
<b>Power Source</b>	Li-Ion battery pack, or 3 “AA” Alkaline battery pack; interchangeable				

<b>Safety Rating</b>	ATEX, TIIS, IECEx, and CE or optionally: CSA classified as intrinsically safe. Class I, Division 1, Groups A, B,C, D, and CE <b>Note:</b> Either ATEX (USA and worldwide) or CSA (Canada) version must be specified when ordering.
<b>Dimension &amp; Weight</b>	Approx. 143 (H) x 71 (W) x 43 (D) mm (5.6" H x 2.8" W x 1.6" D), approx. 350 g (12.3 ounces)
<b>Case Material</b>	High dust & water resistant design. RFI shielded high impact plastic with protective rubber overmolding
<b>Controls</b>	Five buttons: POWER / ENTER, DISPLAY, AIR, RESET, SHIFT
<b>Standard Accessories</b>	<ul style="list-style-type: none"> <li>• Belt clip • Rubber nozzle, 3.5"</li> <li>• Datalogging software</li> <li>• 10" Probe • Manual • Quick reference card</li> <li>• 10' Hose • Training CD</li> </ul>
<b>Optional Accessories</b>	<ul style="list-style-type: none"> <li>• SDM-2012 calibration stations • Calibration kit</li> <li>• Li-Ion battery pack • AC or DC Charger</li> <li>• Sample draw hoses (10' standard, • Carrying case up to 50' max. available)</li> </ul>
<b>Configurations</b>	1, 2, 3, 4, or 5 sensor units Li-Ion or alkaline battery pack options
<b>Warranty</b>	Two years material and workmanship



