

M40

Multi-Gas Monitor

The M40 is a versatile multi-gas monitor capable of detecting CO, H₂S, O₂, and combustible gases for a wide variety of hazardous and confined space applications.



- COSHH compliance
- 1 to 4 gas monitoring for O₂, H₂S, CO & combustible gases
- 18-hour runtime with lithium-ion battery
- Includes vibrating, 90 dB audible, and LED visual alarms
- Two-year, all inclusive warranty

The M40 is a reliable, low cost gas monitoring solution for confined space or personal monitoring applications. The M40's rugged composite case is immune to RFI, and houses four discrete sensors, a large LCD readout, and integral lithium-ion battery for up to 18 hours continuous runtime.

The M40 continuously monitors oxygen, combustible gases, carbon monoxide, and hydrogen sulfide in any combination, activating bright alarm light, 90-dB audible and internal vibrating alarms when gas concentrations exceed the preset limits. Additional standard features include Peak/Hold functions, STEL and TWA readings, a continuous loop datalogger and 'Quick-Cal' calibration.

The M40 comes standard with a charger, leather carrying case, cell-phone-style and suspender clips, belt clip and calibration cup with tubing. Available accessories include SP40 motorized remote sampling pump, 12 VDC automobile charger, and M40 datalink. Weighing 8.6 ounces, the M40 is small in size and big in value.



vibration



noise



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M40 Multi-Gas Specifications

LEL, O₂, H₂S, CO 1-4 Gases

Case:

High-visibility, impact resistant composite – RFI, EMI & IP65 approved

Dimensions:

4.30" x 2.45" x 1.37" (109 mm x 62 mm x 35 mm)

Weight:

8.6 ounces (244 g); 11.6 oz (326 g) with SP40 attached

Sensors:

Combustible Gases/Methane - Catalytic Diffusion

Oxygen and Toxic Gases - Electrochemical

Measuring Ranges:

LEL - 0-100% LEL in 1% increments

CO - 0-999 ppm in 1 PPM increments

H₂S - 0-500 PPM in 1 PPM increments

O₂ - 0-30% of volume in .1% increments

CH₄ - 0-5% of volume in 0.1% increments (M40•M only)

Display:

Custom graphic LCD with backlight

Power Source (Run time):

Standard Li-Ion Battery pack that does not need to be removed for charging
(18 hour runtime; 12 hour runtime with SP40 pump attached)

Temperature Range:

-4° to 122°F (-20° to 50°C)

Humidity Range:

15 to 95% RH, typical

0 to 99% RH intermittent (non-condensing)

Approvals:

UL and CSA – Class I, Div. I, Groups A, B, C, D; T4

MSHA (M40•M only)

ATEX – EEx ia d IIC T4

Australia – Ex ia s Zone 0 IIC T4

Accessories



M40 Multi-Gas Monitor shown with optional SP40 Sampling Pump attached



Optional M•Cal401 Calibration Station shown with M40/SP40 Bay

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