M40
FOUR-GAS MONITOR

- 1 to 4 gas monitoring for O_2, H_2S, CO & combustible gases
- 18-hour runtime with lithium-ion battery
- Includes vibrating, 90 dB audible, and LED visual alarms
- Two-year, all inclusive warranty

Industrial Scientific is pleased to offer the M40, a versatile multi-gas monitor capable of detecting CO, H_2S, O_2, and combustible gases for a wide variety of hazardous and confined space applications.

The M40 is housed in a rugged, impact-resistant case to provide superior performance and durability in harsh environments and resistance to radio-frequency and electromagnetic interference. Its four-button interface provides simple, intuitive operation and calibration, and the M40's five-second "Off" feature prevents unintentional shut-offs. The unit's compact size and economical price make it an ideal personal monitoring instrument.

Other standard features include a vibrating alarm, lithium-ion battery, peak/hold readings, large LCD, 75 hour datalogging capacity, and belt clip. An optional compact parasitic sampling pump enables remote sampling from up to 50 feet away. The M40 carries a two-year warranty.

SPECIFICATIONS

CASE
High-visibility, impact resistant composite — RFI, EMI and ingress protection tested and approved

DIMENSIONS
11.2 cm x 6.5 cm x 3.6 cm

WEIGHT
243 g
Weight with pump: 326 g

SENSORS
Combustible Gases — Catalytic Diffusion
Oxygen and Toxic Gases — Electrochemical

MEASURING RANGES

Combustibles (LEL)	0 to 100% LEL in 1% increments
Methane (CH_4)	0 to 5% of volume in 0.1% increments (M40•M only)
Oxygen (O_2)	0 to 30% of volume in 0.1% increments
Carbon Monoxide (CO)	0 to 999 ppm in 1 ppm increments
Hydrogen Sulfide (H_2S)	0 to 500 ppm in 1 ppm increments

The M40 features LEL over-range protection

POWER SOURCE
Rechargeable lithium-ion integral battery

RUNTIME
18 hour — instrument (non-alarm)
12 hour — instrument with pump (non-alarm)

DISPLAY
Large LCD provides simultaneous and continuous readout of up to all four gases. Large, high-contrast characters, graphic icons and unique amber backlight provide clear display visibility in low-light conditions.

ALARMS
Vibrating, 90 dB audible and ultra-bright LED visual alarms. High/low, STEL, TWA and low battery alarms. Flow alarm indicator when used with optional SP40 pump.

TEMPERATURE RANGE
-20° to 50°C (-4° to 122°F)

HUMIDITY RANGE
15 to 95% RH, typical, 0 to 99% RH intermittent (non-condensing)

IP RATING
IP65

CERTIFICATIONS

IECEx:	Ex ia IIC T4 Gb; Ex db ia IIC T4 Gb (with Catalytic Sensor) / Ex ia IIC T4 Gb; Ex d ia IIC T4 Gb

China Ex; China MA; China CPA