

M40

MULTI-GAS MONITOR



Monitor shown actual size

Industrial Scientific is pleased to offer the M40, a versatile multi-gas monitor capable of detecting CO, H₂S, O₂, 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.

- 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

SPECIFICATIONS

CASE:	High-visibility, impact resistant composite – RFI, EMI and ingress protection tested and approved	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.
DIMENSIONS:	4.30"h x 2.45"w x 1.37"d (10.9cm x 6.22cm x 3.48cm)	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.
WEIGHT:	8.6 ounces (244 g) Weight with pump: 11.6 ounces (326 g)	DATALOGGING:	Up to 75 hours of datalogging capability
SENSORS:	The M40 is available in a 1, 2, 3, or 4-gas configuration including oxygen, hydrogen sulfide, carbon monoxide and combustibles /hydrocarbons.	TEMPERATURE RANGE:	-4° to 122°F (-20° to 50°C)
MEASURING RANGES:	CO range: 0-999 ppm in 1 ppm increments H ₂ S range: 0-500 ppm in 1 ppm increments O ₂ range: 0-30% volume in 0.1% increments Combustibles: 0-100% LEL in 1% increments The M40 features LEL over-range protection	HUMIDITY RANGE:	15 to 95% RH, typical, 0 to 99% RH intermittent (non-condensing)
POWER SOURCE:	Rechargeable lithium-ion integral battery	IP RATING:	IP65
RUNTIME:	18 hour – instrument (non-alarm) 12 hour – instrument with pump (non-alarm)	APPROVALS:	UL – Class I, Div. I, Groups A, B, C, D; T4 CSA – Class I, Div. I, Groups A, B, C, D; T4 Cenelec (ATEX) – EEx ia d IIC T4 Australia – Ex ia s Zone 0 IIC T4

M40 COMMON CONFIGURATIONS AND OPTIONAL ACCESSORIES

PART NUMBER	DESCRIPTION
18105437-01111*	M40 – Four gas configuration for O ₂ , LEL, CO, H ₂ S
18105437-01110*	M40 – Three gas configuration for O ₂ , LEL, H ₂ S
18105437-01101*	M40 – Three gas configuration for O ₂ , LEL, CO
18105437-00110*	M40 – Two gas configuration for H ₂ S, LEL
18105437-01100*	M40 – Two gas configuration for O ₂ , LEL
18105437-00100*	M40 – Combustible gas configuration for LEL only
18105437-11111+	M40 and Pump Combination for O ₂ , LEL, CO, H ₂ S
18105437-11110+	M40 and Pump Combination for O ₂ , LEL, H ₂ S
18105437-11101+	M40 and Pump Combination for O ₂ , LEL, CO
18105437-11100+	M40 and Pump Combination for O ₂ , LEL
18105437-10100+	M40 and Pump Combination for LEL
M40-KIT-11111**	M40 Confined Space Kit (with Pump) – O ₂ , LEL, CO, H ₂ S
M40-KIT-11101**	M40 Confined Space Kit (with Pump) – O ₂ , LEL, CO
M40-KIT-11110**	M40 Confined Space Kit (with Pump) – O ₂ , LEL, H ₂ S
18105973-ABX++	M•Cal406™ – Six-Unit Calibration Station
18105965-10X++	M•Cal401™ – Single-Unit Calibration Station (with M40 Bay)
18105965-01X++	M•Cal401™ – Single-Unit Calibration Station (with M40/SP40 Bay)
18105460	SP40 Sampling Pump
18105528	M40 Datalink
18105478	M40 Nylon Carrying Case
18105486	M40/SP40 Combination Carrying Case
18106393	Single-Unit Compact Charger, Universal
18105502	12 VDC Automotive Charger
18105510	Six-Unit Charger
17092941	Metal Belt Clip
17107582	Suspender Clip

++M•Cal™ Calibration Station Ordering Information – A = # of M40 Bays (0-6), B = # of M40/SP40 Bays (0-6),
X = Power Cord (0 = N. Amer., 1 = U.K., 2 = Eur, 3 = AUS)

REV0408



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



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

*All monitors include:

- compact charger
- calibration cup
- tubing
- leather carrying case
- cell-phone style belt clip
- suspender clip
- instruction manual

+All monitor/pump combinations include:

- compact charger
- calibration cup
- tubing
- cell-phone style belt clip
- suspender clip
- instruction manual
- combo monitor/pump
- leather carrying case

**All confined space kit combinations include:

- compact charger
- calibration cup
- tubing
- utility case
- gas cylinder
- cell-phone style belt clip
- suspender clip
- regulator valve
- water barrier assembly
- filter
- instruction manual
- combo monitor/pump
- leather carrying case