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, 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.

- 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

SPECIFICATIONS

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

DIMENSIONS: 4.30"h x 2.45"w x 1.37"d
(10.9cm x 6.22cm x 3.48cm)

WEIGHT: 8.6 ounces (244 g)
Weight with pump: 11.6 ounces (326 g)

SENSORS: The M40 is available in a 1, 2, 3, or 4-gas configuration including oxygen, hydrogen sulfide, carbon monoxide and combustibles /hydrocarbons.

MEASURING RANGES: CO range: 0-999 ppm in 1 ppm increments
H_2S 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

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.

DATALOGGING: Up to 75 hours of datalogging capability

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

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

IP RATING: IP65

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

Udyogi's Name & Address as an Authorised Channel Partner

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INDUSTRIAL SCIENTIFIC CORPORATION

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M40 MULTI-GAS MONITOR

M40 COMMON CONFIGURATIONS AND OPTIONAL ACCESSORIES

PART NUMBER	DESCRIPTION
18105437-01111*	M40 – Four gas configuration for O_2, LEL, CO, H_2S
18105437-01110*	M40 – Three gas configuration for O_2, LEL, H_2S
18105437-01101*	M40 – Three gas configuration for O_2, LEL, CO
18105437-00110*	M40 – Two gas configuration for H_2S, 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_2S
18105437-11110+	M40 and Pump Combination for O_2, LEL, H_2S
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_2S
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_2S
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*

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