M40 Multi - Gas Detector

CASELLA



Safety in Hazardous Environments

Instrument shown real size

FEATURES

- 1 to 4 gas monitoring for O₂,
 H₂S, CO & combustible gases
- 18 hr runtime via lithium-ion
- Includes vibrating, 90 dB audible, and LED visual alarms
- On board data logging
- Two-year all inclusive warranty

INTRODUCTION

Casella CEL are 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.

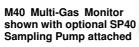
The M40 is housed in a rugged, impactprovide superior resistant case to durability in harsh performance and environments and resistance to radio frequency and electromagnetic Its four button interface interference. provides simple, intuitive operation and calibration, and the five-second "Off" feature 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 data logging capacity, and belt clip. An optional compact sampling pump enables remote sampling from up to 50 feet away. The M40 carries a two-year warranty.





Optional MCal 401 Calibration Station shown with M40/SP40 Bay







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

H₂S range: 0-500 ppm in 1 ppm increments O2 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

Ordering Information:

J202033 $M40 - O_2$, LEL, CO, H_2S M40 - O₂, LEL, H₂S J202034 M40 - O₂, LEL, CO J202035 M40 - O₂, LEL J202036

M40 - LEL J202037

All monitors include:

- compact charger - calibration cup

- tubing

- leather carrying case

- cell-phone style belt clip

- suspender clip- instruction manu

M40 with SP40 pump combinations:

Delivered with universal charger, calibration cup, tubing, dust filter / water stop, combo monitor / pump leather carrying case, cell-phone style belt clip, suspender clip and instruction manual

M40 / SP40 Pump Combination - O₂, LEL, CO, H₂S J202039 J202040 M40 / SP40 Pump Combination - O₂, LEL, H₂S J202041 M40 / SP40 Pump Combination - O₂, LEL, CO J202042 M40 / SP40 Pump Combination - O₂, LEL J202043 M40 / SP40 Pump Combination - LEL

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