

MG140 Four-Gas Monitor



The MG140 is designed to be a reliable, low cost gas monitoring solution in applications where the flexibility of a full featured multi-gas monitor is not required. The MG140 continuously monitors the air and displays the concentration of oxygen, combustible gas, carbon monoxide and hydrogen sulfide. A 90 dB audible alarm and ultra-bright visual alarm alert the user if gas concentrations have exceeded the preset limits. A high visibility, enamel coated stainless steel case provides the MG140 with the durability found in every gas monitor carrying the Industrial Scientific label. The MG140 instrument and SP100 sampling pump carry a full two-year warranty.

- Four-gas monitoring for O₂, LEL, H₂S and CO
- Single-button calibration
- Ni-Cad or alkaline battery packs
- Two-year warranty

SPECIFICATIONS

<i>CASE:</i>	High visibility, enamel coated stainless steel
<i>DIMENSIONS:</i>	4.75" x 2.75" x 1.65" (121mm x 70mm x 42mm)
<i>WEIGHT:</i>	24 oz (680 g)
<i>SENSOR:</i>	Combustible Gases – Catalytic Diffusion Oxygen and Toxic Gases – Electrochemical
<i>MEASURING RANGES:</i>	Combustible Gases – 0 to 100% LEL (over-range protected) Oxygen – 0 to 30% of volume in 0.1% increments Carbon Monoxide, Hydrogen Sulfide – 0 to 999 ppm in 1 ppm increments
<i>POWER SOURCE (RUN TIME):</i>	Rechargeable Ni-Cad Battery Pack (10 hours typical) Replaceable 9-volt Alkaline Battery Pack (11 hours typical)
<i>TEMPERATURE RANGE:</i>	-40° F to 122° F (-40° C to 50° C)
<i>HUMIDITY RANGE:</i>	0 to 99% RH (non-condensing)
<i>APPROVALS:</i>	UL and CSA – Class I, Groups A,B, C and D

ORDERING INFORMATION

<u>PART NUMBER</u>	<u>DESCRIPTION</u>
10100022-A	LEL, O ₂ , H ₂ S, CO, Alkaline
10100022	LEL, O ₂ , H ₂ S, CO, Ni-Cad (single unit charger included)
10100022-1010A	MG140 Confined Space Kit w/Motorized Pump, Alkaline
10100022-2010A	MG140 Confined Space Kit w/Hand Aspirated Pump, Alkaline
10100022-1010	MG140 Confined Space Kit w/Motorized Pump, Ni-Cad
10100022-2010	MG140 Confined Space Kit w/Hand Aspirated Pump, Ni-Cad
10100048	SP100 Motorized Sampling Pump

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