

RECON Series

Single-Gas Personal Detector for CO, H₂S, O₂ or LEL

FEATURES

- Advanced MCU for Low-Power Consumption
- LCD Display
- Self-Test Function
- Adjustable Alarms
- Adjustable Calibration Points
- Two Instant Alarm Points
- Audio, Visual LED and Vibratory Indicators
- Password Protection
- Strong, Durable Rubber Casing Provides Anti-Slip Handleability
- STEL and TWA Alarms for CO or H₂S Units
- Available for CO, H₂S, O₂ or Combustible Gas
- Rechargeable
- Designed to Be Intrinsically Safe

SPECIFICATIONS

Range:

CO: 0-1000 ppm O₂: 0-30% by Volume
H₂S: 0-100 ppm LEL: 0-100% LEL CH₄

Alarm Points:

CO: 35 and 100 ppm instant TWA: 25 ppm STEL: 200 ppm
H₂S: 10 and 15 ppm instant TWA: 10 ppm STEL: 15 ppm
O₂: 19.5% by Vol. decreasing and 23.5% by Vol. increasing
LEL: 10 and 50% LEL CH₄

Method of Detection: Diffusion

Sensors: CO, H₂S and O₂ – Electrochemical
Combustible Gases - Catalytic

Display: LCD

Temperature Range: -20°C to +50°C

Humidity Range: 5 to 95% RH, non-condensing

Power: 3.6 VDC, lithium battery, rechargeable

Operating Time: Approximately 8 hours for LEL unit,
Approximately 300 hours for CO, H₂S and O₂ units,
Continuous, non-alarm conditions

Charge Time: 4-6 Hours

Weight: 5 oz. (140g)

Dimensions: 2.4 x 3.9 x 1.3 inches (60 x 100 x 33 mm)

Ingress Protection: IP 65

Approval: Designed to be intrinsically safe



Actual Size

ORDERING INFORMATION

Instrument	Part No.
RECON/CO 0-1000 ppm CO	P/N 02541-1200
RECON/HS 0-100 ppm H ₂ S	P/N 02541-0200
RECON/O2 0-30% by Vol. O ₂	P/N 02541-1100
RECON/EX 0-100% LEL CH ₄	P/N 02541-000



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Specifications subject to change without notice