

RECON-B Series

Portable Single-Gas Detectors for CO, H₂S, NH₃, SO₂, H₂, O₂ or LEL



PRODUCT HIGHLIGHTS

- Large, easy-to-read display
- Self-test function
- Two instant alarms with audio, visual and vibratory indicators
- STEL and TWA alarms for toxic gases
- Rechargeable lithium battery

RECON-B Series are compact, handheld, portable single-gas detectors available for monitoring CO, H₂S, NH₃, SO₂, H₂, O₂ or combustible gas. These portable gas detectors have two instant alarm points and feature STEL and TWA alarms for toxic gases. RECON-B Series gas detectors have audio, visual and vibratory indicators that warn personnel if a hazardous gas condition exists. The

instruments include a self-test function that activates when the unit is turned on. They have a large easy-to-read display and a strong durable rubber casing for anti-slip handling. These portable gas detectors are designed with a rechargeable battery and are supplied with a battery charger. They are light-weight and come with a durable metal belt clip for ease of use.

GENERAL SPECIFICATIONS

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|-----------------------------|--|
| Display: | Large easy-to-read LCD |
| Method of Detection: | Diffusion |
| Sensors: | CO, H ₂ S, NH ₃ , SO ₂ , H ₂ , and O ₂ – electrochemical Combustible gases – catalytic |
| Typical Sensor Life: | Approx. 2 years |
| Temperature Range: | -4° to +122°F (-20° to +50°C) |
| Humidity Range: | 5 to 95% RH, non-condensing |
| Power: | Rechargeable, 3.6 VDC, lithium battery |
| Operating Time: | Approx. 8 hours for LEL unit Approx. 300 hours for CO, H ₂ S, NH ₃ , SO ₂ , & O ₂ units, continuous, non-alarm conditions |
| Charge Time: | 4 to 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 |

ORDERING INFORMATION

| INSTRUMENT | Range | Alarm Points | TWA | STEL | Part No.* |
|--|----------------|--|--------|---------|----------------|
| RECON/NH-B, Ammonia, NH ₃ | 0-100 ppm | 25 & 50 ppm | 25 ppm | 35 ppm | P/N 02547-2400 |
| RECON/CO-B, Carbon Monoxide, CO | 0-1000 ppm | 35 & 100 ppm | 25 ppm | 200 ppm | P/N 02547-1200 |
| RECON/H2-B, Hydrogen, H ₂ | 0-1000 ppm | 35 & 250 ppm | --- | --- | P/N 02547-1500 |
| RECON/HS-B, Hydrogen Sulfide, H ₂ S | 0-100 ppm | 10 & 15 ppm | 10 ppm | 15 ppm | P/N 02547-029 |
| RECON/O2-B, Oxygen, O ₂ | 0-30 % by Vol. | 19.5% decreasing & 23.5% increasing by Vol | | | P/N 02547-1100 |
| RECON/SO-B, Sulfur Dioxide, SO ₂ | 0-100 ppm | 2 & 5 ppm | 2 ppm | 5 ppm | P/N 02547-0500 |
| RECON/EX-B, LEL, Methane, CH ₄ | 0-100% LEL | 10 & 50 % LEL | --- | --- | P/N 02547-000 |
| RECON/EX-B, LEL Propane, C ₃ H ₈ | 0-100% LEL | 10 & 50 % LEL | --- | --- | P/N 02547-001 |
| RECON/EX-B, LEL Butane, C ₄ H ₁₀ | 0-100% LEL | 10 & 50 % LEL | --- | --- | P/N 02547-002 |

*Note: P/N includes Belt Clip and Charger