



PGM-IR Portable Refrigerant Monitor



| Product Attributes | Description |
|----------------------------------|--|
| SENSOR | Long-life Non Dispersive Infrared (NDIR); 5-7 year life |
| REFRIGERANTS DETECTED | CFC, HFC and HCFC unit: CO ₂ , FA188, FC72, HI211, HI233ZD, HI234YF, HI234ZE, HI301, H2402, HFP, R-11, R-113, R-114, R-12, R-123, R-124, R-125, R-134a, R-21, R-22, R-227, R-23, R-236fa, R-245fa, R-32, R-401A, R-402A, R-404A, R-407A, R-407C, R-407F, R-408A, R-409A, R-410A, R-422A, R-422D, R-424A, R-426A, R-427A, R-438A, R-448A, R-449A, R-452A, R-452B, R-500, R-502, R-503, R-507, R-508B, R-513A, R-514A, Novec 1230, 4710, 7100, 7200, 7300, 7600 |
| MINIMUM DETECTABLE LEVEL | 1 ppm (most refrigerant gases) |
| OTHER GASES AVAILABLE | Carbon Dioxide (CO ₂): 0 - 8,000 ppm in 1 ppm increments Nitrous Oxide (N ₂ O): 0 - 1,000 ppm in 1 ppm increments Sulfur Hexafluoride (SF ₆): 0-1,000 ppm in 1 ppm increments |
| RESPONSE TIME | T90 < 5 seconds; T100 < 7 seconds |
| WARM-UP TIME | CO ₂ and refrigerant gases: 5 minutes N ₂ O and SF ₆ : 15 minutes |
| FLOW RATE | 1 L/min typical |
| POWER SUPPLY | Li-Ion rechargeable battery with battery life indicator |
| TEMPERATURE RANGE | 32 to 122°F (0 to 50°C) |
| STORAGE TEMPERATURE RANGE | -4 to 122°F (-20 to 50°C) |
| OPERATING HUMIDITY RANGE | 5 to 90% RH, non condensing |
| LEAK CHECK MODE W/ PROBE | Internal audible alarm, programmable; Visual alarm indicator |
| DIMENSIONS | 8" x 19" x 5" (20.3cm x 48.3cm x 12.7cm) |
| WEIGHT | 6 lbs 12 oz (3.07 kg) |
| WARRANTY | 2 Years (excluding contamination) |

Parts & Accessories

| Part Number | Description |
|-------------|---|
| 3015-5743 | Rechargeable battery pack with charger |
| 3015-5700 | Replacement soft carrying case for all PGM units |
| 3015-5847 | Replacement battery charger (for 87 Wh battery 3015-5743) |
| 0007-1654 | PGM-IR internal hydrophobic filter |
| 3015-3071 | PGM-IR inline coalescing filter |
| 3015-3125 | PGM-IR charcoal purge filter assembly, for 3015-5696 |
| 3015-5714 | PGM-IR charcoal filter replacement kit, for 3015-5696 |
| 0204-0020 | Battery, coin cell, for main PCB |

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

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