

Ribble Enviro
...everything gas detection

Data Sheet

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PGM-IR Portable Refrigerant Gas Monitor

Precision Monitoring for Low-Level Refrigerant Leak Detection



Robust carry handle and integral protective case

Bacharach's Multi-Zone gas library contains 65+ refrigerants including CFCs, HFCs, HCFCs, HFOs, and natural refrigerants.

Backlit display shows real-time concentration readings

Proprietary infrared (NDIR) sensor accurately detects the presence of a target gas down to an industry-leading 1 ppm Minimum Detection Level (MDL)

Integrated charcoal purge filter

FIND LEAKS LIKE NO OTHER

MSA Bacharach's PGM-IR portable refrigerant monitor helps maintenance personnel find small refrigerant leaks fast to enable compliance with emissions reduction standards (EPA 608/CARB and F-Gas).

- Proprietary infrared (NDIR) sensor accurately detects the presence of a target gas down to an industry-leading 1 ppm Minimum Detection Level (MDL)
- Sensor is not prone to false alarms caused by cross-interference from other gases or sudden changes in temperature or humidity
- Gas library contains 65+ refrigerants, including CFCs, HFCs, HCFCs and HFOs
- Backlit display with real-time concentration readings and audible indicator help users track the smallest refrigerant leaks to their source
- Integrated charcoal purge filter allows users to perform inspections in contaminated spaces without leaving to re-zero the monitor in fresh air
- Rechargeable Li-ion battery, up to 8 hours of continuous monitoring

Specifications

Sensitivity / Minimum Detection Level	1 ppm
Background Adjustment	Automatic
Product Dimensions (L x W x H)	19" x 5" x 8" (500 mm x 130 mm x 200 mm)
Product Weight	7 lbs. (3.2 kg)
Sensor Type	NDIR
Power	Rechargeable Li-ion Battery Pack
Product Performance Approvals	CE, UL, CSA, EN 61010-1
A2L and A3 Safety	FM Technical Decision Form TD 221



More Information:

Scan the QR code to learn more about the PGM-IR and watch PGM-IR demonstration videos.

SAFEGUARDING PEOPLE, PLACES & THE PLANET.

PGM-IR Part Numbers

GAS	PART NUMBER
HALOGEN	H3015-5696
R-744 (CARBON DIOXIDE, CO ₂)	H3015-8001
NITROUS OXIDE, N ₂ O	H3015-4790
SF ₆	H3015-5148
HYDROCARBONS (R-290, R-600, AND R-600A)	H3015-8018

Accessories

DESCRIPTION	PART NUMBER
RECHARGEABLE BATTERY PACK WITH CHARGER	H3015-5743
REPLACEMENT SOFT CARRYING CASE FOR ALL PGM UNITS	H3015-5700
REPLACEMENT BATTERY CHARGER (FOR 87 WH BATTERY 3015-5743)	H3015-5847
PGM-IR INTERNAL HYDROPHOBIC FILTER	H0007-1659
EXTERNAL FILTER	H3015-2906
PGM-IR INLINE COALESCING FILTER	H3015-3071
PGM-IR CHARCOAL FILTER REPLACEMENT KIT, FOR 3015-5696	H3015-5714
BATTERY, COIN CELL, FOR MAIN PCB	H0204-0020

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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