

# Portable Gas Detector Warranty

## For Portable/RAM Instruments, Accessories and Sensors

GfG Instrumentation warrants our products to be free from defects in material and workmanship when used for their intended purpose, and agrees to remedy any such defect or to furnish a new part (at the option of GfG Instrumentation) in exchange for any part of any product that we manufacture that under normal use is found to be defective; provided that the product is returned, by the purchaser, to GfG's factory, intact, for our examination, with all transportation costs prepaid, and provided that such examination reveals, in our judgment, that it is defective.

This warranty does not extend to any products that have been subjected to misuse, neglect, accident, or unauthorized modifications; nor does it extend to products used contrary to the instructions furnished by us or to products that have been repaired or altered outside of our factory. No agent or reseller of GfG Instrumentation may alter the above statements.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY AND ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. GFG WILL NOT BE LIABLE FOR LOSS OR DAMAGE OF ANY KIND CONNECTED TO THE USE OF ITS PRODUCTS OR FAILURE OF ITS PRODUCTS TO FUNCTION OR OPERATE PROPERLY.

### Instrument and Accessory Warranty Periods

Product(s)	Warranty Period
G450, G460, Micro IV, G888, G999 Portable Monitors and RAM 744 and RAM 4021 Respiratory Airline Monitors	Limited lifetime warranty on electronics to the original purchaser (as long as the instrument is in service)
Battery pack – G450, G460, G888 & G999	Two years from the date of purchase
Battery packs and chargers, sampling pumps and other components, which by their design are consumed or depleted during normal operation, or which may require periodic replacement	One year from the date of purchase
RAM - Filters and other components which by their design are consumed or degraded in normal operation, or which may require periodic replacement	N/A

### Sensor Warranty Periods, by Instrument Installed

Instrument(s)	Sensor Type	Warranty Period
G460 (Purchased after March 1, 2019, P/N 1460231D), G888, G999	O <sub>2</sub>	5 Years
	Standard LEL <sup>**</sup> , O <sub>2</sub> , CO, CO-H, H <sub>2</sub> S, COSH (CO and H <sub>2</sub> S) and NDIR (CO <sub>2</sub> and combustible)	3 Years
G450*, G460*, Micro IV*, G888, G999	Unfiltered LEL <sup>**</sup> , Cl <sub>2</sub> , ClO <sub>2</sub> , C <sub>2</sub> H <sub>4</sub> O, H <sub>2</sub> , HCN, NO <sub>2</sub> , NO, PH <sub>3</sub> , SO <sub>2</sub> , PID <sup>***</sup>	2 Years
	CH <sub>3</sub> SH, NH <sub>3</sub> , HF, HCl, O <sub>3</sub> , SiH <sub>4</sub> , THT	1 Year
	COCl <sub>2</sub>	6 Months
All Airline (RAM 744, 4021 & 4035)	CO, CO-H, O <sub>2</sub> , Dew Point	1 Year
All Others	All	1 Year

\* Optional 6-year extended warranties available on certain sensor configurations (not including all O<sub>2</sub> and LEL sensors).

\*\* Damage to combustible gas sensors by acute or chronic exposure to known sensor poisons such as volatile lead (aviation gasoline additive), hydride gases such as phosphine, and volatile silicone gases emitted from silicone caulks/sealants, silicone rubber molded products, laboratory glassware greases, spray lubricants, heat transfer fluids, waxes & polishing compounds (neat or spray aerosols), mold release agents for plastics injection molding operations, waterproofing formulations, vinyl & leather preservatives, and hand lotions which may contain ingredients listed as cyclomethicone, dimethicone and polymethicone (at the discretion of GfG's Instrument Service department) void GfG Instrumentation's Standard Warranty as it applies to the replacement of combustible gas sensors.

\*\*\* PID sensor electronics warranty is for the lifetime of the sensor. The PID 10.6eV replacement lamp warranty is for 2 years.