

MGT

Portable Multi-Gas Detector



Portable. Reliable. Life-saving.

The **MGT Multi-Gas Detector** is a reliable and safe choice for workers operating in unknown environments, thanks to its wide range of sensors. It can simultaneously detect O₂, CO, H₂S, and combustible gases (LEL).

Designed for ease of use, the MGT is lightweight, user-friendly, and equipped with a rechargeable battery that offers up to 60 hours of operation on a single charge.

With accurate and long-lasting measurements, real-time data logging, and clearly visible alarms, the MGT helps workers stay focused and safe on the job.

Features

- IP67
- ATEX-certified
- Replaceable Infrared sensor or Pellistor sensor
- Calculates time-weighted average (TWA)
- Calculates short-term exposure limit (STEL)
- Simultaneously detects O₂, CO, H₂S and combustible gas (LEL)



SIMPLY RELIABLE REFRIGERANT GAS DETECTORS

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Applications

- Confined space
- Sewage work
- Refineries
- Waste water treatment
- Underground
- Oil & gas

Accessories & Charging Options

- IR-Link
- Sampling pump (SP-Pump 101)
- Extension Probe 5 m/ 10 m
- MGT Docking Station
- Vehicle Power Adaptor
- 7 ch Multi Adaptor
- Multi Cradle



Article No.	Model	Details	PG
MGT Personal Multi-Gas Detector			
5000-0002	Portable Gas Detector O ₂ , CO, H ₂ S, %LEL IR	InfraRed	C
5000-0003	Portable Gas Detector O ₂ , CO, H ₂ S, %LEL pellistor	Pellistor	C

MGT Multi-Gas Detector TECHNICAL DATA



Specifications	
Model	MGT
Self-test	Full function self-test upon activation Sensors, battery and circuitry - continuous
Display	LCD Display (back-light)
Alarm	LED flashing, sound, vibration
Sensor	O ₂ , CO and H ₂ S: Electrochemical Combustible (LEL): IR or Pellistor
IP	IP67
Temperature	-20°C ~ +50°C
Humidity	5% ~ 95% RH (Non-condensing)
Battery	Rechargeable Li-ion power supply unit (2000 mAh)
Charging Time	4-6 hours
Battery Life	IR: 60 days continuous / Pellistor: 25 hours continuous
Low Battery Alarm	20 minutes/10 minutes/5 minutes expired: 5 long beeps/ flashes and then Off is displayed
Sensor Life-Time	> 2 years
Warranty	2 years
Weight	240 g.
Size	61 (W) x 114 (H) x 43 (D) mm.
Approval	ATEX II 1 G Ex ia IIC T4 Ga CSA Class 1, Zone 0, ex ia IIC T4 Ga IECEX Ex ia IIC T4 Ga
Calibration Interval	Every six months

Standard Package Contents

- Detector complete with stainless steel alligator clip
- Adaptor with 5 plugs
- Calibration cap
- User manual
- Calibrate test certification

Remember to calibrate regularly

Portable gas detectors must be calibrated every **six months** to ensure optimal performance and safety.

For detailed procedures and pricing, please contact your authorized distributor.

