

MGT

Portable Multi-Gas Detector

SENKO



Description

MGT is an united gas detector measuring four(4) major gases, which cause the most of the industrial accidents, to protect workers from the disasters caused by the Oxygen deficiency, Toxic gas poisoning and gas explosion. It measures continuously four(4) gases (O₂, CO, H₂S and Combustible Gas(CH₄)) and displays their concentrations and raises an alarm(visual, vibrating, and audible) when the risk occurs. It features the dual sensor of CO and H₂S.

Key Feature

- Small size & Light weight
- Rechargeable battery
- 30EA of Bump tests/ Events/ Cal.
- Simultaneously detect 4 different gases
- 25 hours use by one charge for 4-6 hours (P-type)
- 60 days use by one charge for 4-6 hours (N-type)
- Configuration via exclusive IR Link
- Easy check & calibration via Docking Station
- Intrinsic Safety

Specification

Model	MGT
Self-test	Full function self-test upon activation Sensors, battery and circuitry - continuous
Detecting Method	Diffusion
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	67
Temperature	-20°C ~ +50°C
Humidity	5~95% RH(Non-condensing)
Battery	Rechargeable Li-ion power supply unit (2000mAh)
Charge 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
Warranty	2 years
Weight	240g
Size	61(w) × 114(h) × 43(d)mm
Optional Accessory	MGT-IR Link, Docking Station, SP-Pump 101
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

Sensor specification

GAS	Measuring range	Low Alarm	High Alarm
O ₂	0~30%Vol	19%Vol	23%Vol
CO	0~500ppm	30ppm	60ppm
H ₂ S	0~100ppm	10ppm	30ppm
CH ₄	0~100%LEL	10%LEL	30%LEL

Accessories

IR-Link

User can change alarm set points and upload firmware updates and download event logs and perform calibration.



Vehicle power adaptor



7CH Multi adaptor



Sampling pump (SP-Pump101)



Extension Probe 5M/ 10M



Multi Cradle



MGT Docking Station

