

### Explication & Features

MGT is an united gas detector measuring four(4) major gases, which result 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 (O<sub>2</sub>, CO, H<sub>2</sub>S and Combustible Gas(CH<sub>4</sub>)) and display their concentrations and raise an alarm(visual, vibrating, and audible) when the risk occurs. It features the dual sensor of CO and H<sub>2</sub>S.



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

### Application

Steelworks,  
Petrochemical plant,  
Shipbuilding yard,  
Sewage treatment  
plant, Mine, Power supply  
works,  
Hermetically sealed area  
(manhole, tank)

# Specification

MGT

Range / Resolution/ Alarm	O2	0~30%Vol / 0.1%Vol / 19, 23%Vol
	CO	0~500ppm / 1ppm / 30, 60ppm
	H2S	0~100ppm / 0.1ppm / 10, 15ppm
	Ex	0~100%LEL / 0.1%LEL / 20, 40%LEL
TWA & STEL		CO (30 / 200ppm) / H2S (10 / 15ppm)
Self test		Full function self-test upon activation battery and circuitry
Detecting Method		Diffusion / Sampling (Optional sampling pump)
Display		LCD Display (Back-light)
Alarm		LED flashing, Sound, Vibration
Alarm Value change		MGT-IR Link
Sensor		O2, CO and H2S : Electrochemical Combustible(LEL): IR or pellistor
Exchanging sensor and battery		Available
Bump test reminder		Available
PC connection		Via MGT-IR Link
Certificate		IECEX / ATEX CSA / InMetro
Calibration		No need to be calibrated again within 6 or 12months (Via Instrument & MGT-IR Link)
Calibration due alarm		Available
Logging		30 Bump tests 30 Events 30 Calibrations Event logging
IP		67
Temperature		-20°C to +50°C
Humidity		5~95% RH(non-condensing)
Battery		Rechargeable Li-ion power supply unit (2000mAh)
Charge Time		4-6 hours
Battery Life		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		223g
Size		61(W) x 114(H) 43(D)mm
Optional Accessory		MGT-IR Link Docking Station
Color		Orange



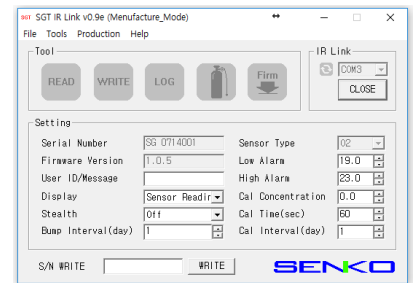
**SP-pump101**

Sampling pump(SP-pump101) is designed to be used by connecting to Senko's portable gas detectors for detecting gases at confined or narrow space human can't enter.

Users can set configuration of the instrument via MGT-IR Link. And the representative items are as below.



User ID/Message, Low/High alarm, Calibration concentration, Cal. Interval, Languages(6), Sensor enable/disable, Latching alarms, Off-Lock and so on.



**MGT-IR Link**



**Docking Station**

Users can test the instruments via this device(Docking station) for gas response every day and calibrate it easily at once if needed.

Docking Station will help your employees keep safe and using normal working instrument all the time.