

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. Measure continuously four(4) gases (O_2 , CO, H_2S and Combustible Gas(CH_4)) and display their concentrations and raise an alarm(visual, vibrating, and audible) when the risk occurs.



Application

- 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

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) / OL(Over Limit)
Self test		Full function self-test upon activation
Detecting Method		Sensors, battery and circuitry - continuous
Display		Diffusion / Sampling (Optional sampling pump)
Alarm		LCD Display (Back-light)
Alarm Value change		LED flashing, Sound, Vibration
Sensor		O (Via Instrument & MGT-IR Link)
Possibility of exchanging sensor and battery		O2, CO and H2S : Electrochemical
Bump test reminder		Combustible(LEL): IR or pellistor
PC connection		O
Certificate		O (Via MGT-IR Link)
Calibration		IECEx : On going / ATEX : On going
Calibration due alarm		CSA : On going / InMetro: On going
Logging		O
IP		(No need to be calibrated again within 6 or 12months)
Temperature		(Via Instrument & MGT-IR Link)
Humidity		O
Battery		30 Bump tests
Charge Time		30 Events
Battery Life		30 Calibrations
Low Battery alarm		Continuous 1 second data logging, > 2 month typical capacity
Operational life		67
Warranty		-40°C to +50°C
Weight		5~95% RH(non-condensing)
Size		Rechargeable Li-ion power supply unit
Optional Accessory		(2000mAh)
Color		4-6 hours
		60 days continuous / Pellistor: 25 hours continuous
		20 minutes / 10 minutes / 5 minutes
		expired: 5 long beeps/flashes and then OFF is displayed
		24 months
		2 years
		240g
		61(W) x 114(H) 43(D)mm
		MGT-IR Link
		Docking Station(Under development)
		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.