

Gas Detector MGT-N

100412

MGT-N is a portable multi gas detector which can detect four different gases (O₂,CO,H₂S, combustible gas) with LCD screen, bright and loud alarms, and it is designed to withstand the harshest industrial working conditions and delivers industry leading alarm time, changeable alarm levels and event logging as well as user-friendly bump test and calibration solutions.

The MGT-N is available with a long life infra red sensor. The IR link enables users to set up calibration levels, alarm set points, and configuration options as well as download logs.

Technical specifications

Model	MGT			
	Combustible	O2	CO	H2S
Measuring type	Diffusion Type(Optional: Sampling Type[Sp-pump 101])			
Measuring method	MGT-P, NDIR(MGT-N)	Electrochemical Cell		
Measuring range	0~100%LEL	0~30%Vol	0~500ppm	0~100ppm
Sensor life time	> 2 year	< 2 year	> 2 year	> 2 year
Resolution	1%LEL	0.1%VOL	1ppm	1ppm
Parameter Control	Front key			
Alarm Display	Digital LCD display, LCD Backlight, Indicator LED			
Operation mode display	Visual : LCD alarm display, LCD Backlight, Indicator LED, Audible : buzzer(90dB @ 10cm)			
Event log	Event Log : 30EA, Calibration Log: 30EA, Bump Log : 30EA, Data Log 2 Months or More			
Mounting type	Belt Clip			
Program set mode	User Selectable via MGT IR Link and PC Software			
Operating temperature	-20°C to +45°C			
Operating humidity	10% to 95% RH(Non-condensing)			
Battery	Manufacturer : SAMSUNG SDI, Item name : ICP103450S, Type : Lithium-ion rechargeable battery Nominal voltage : 3.7V, Nominal Capacity : 2000mAh, Maximum charge voltage : 6.3V			
Battery life time	MGT-P : 24 hours, MGT-N : 2 months			
Case	Rubberized PC Cases			
Dimensions	(W x D x H) 60 x 40 x 118mm			
Weight	240g			
Approval	MGT-P : Ex d ia IIC T4, MGT-N : Ex ia IIC T4			
Option	Sampling Pump[SP-Pump101], SENKO IR LINK, Docking Station			
Warranty	2years			

