

## Multi-Gas Monitor

For prevention of oxygen deficiency & H<sub>2</sub>S, suction type

\* MD-612E



- 2-gas monitor, O<sub>2</sub> and H<sub>2</sub>S
- Delivers gas alarm and/or any trouble with loud sound(above 90dB/10cm)
- Large LCD display for easy reading
- Powerful suction pump, fast response time

### ■SPECIFICATIONS

Model	MD-612E	
Measuring Gas	Hydrogen sulphide in the air	Oxygen in the air
Measuring Principle	Chronoamperometry	Galvanic cell
Sampling method	Suction type Approx.0.6L/min (at room temperature with 5m gas sampling hose)	
Measuring Range	0.0 - 50.0ppm	0.0 - 50.0%
Resolution	0.1ppm	0.1%
Detectable accuracy	Below 30.0ppm : ±1.5ppm Above 30.1ppm : ±3.0ppm	0.0 - 25.0 % : ±0.5% Above 25.1% : ±3.0%
Alarm accuracy	Below 30.0ppm : ±1.5ppm Above 30.1ppm : ±3.0ppm	±0.5vol% against alarm setting value 18.0vol%
Alarm concentration	Factory default settings AL1 : 10.0ppm AL2 : 30.0ppm(alarm clear)	Factory default settings AL1 : 18.0% AL2 : 0.0%(alarm clear)
Display	Digital liquid crystal	

<b>Alarm Method</b>	LED lamp, LCD display and buzzer	
<b>Response Time</b>	Within 25 seconds at 90% response from sampling gas inlet at 20°C	Within 15 seconds at 90% response from sampling gas inlet at 20°C
<b>Pressure range</b>	80 - 110 kPa	
<b>Power Supply</b>	3 x size AA Alkaline dry batteries(LR6)	
<b>Continuous Operating time</b>	Approx. 16 hours, no alarm	
<b>Explosion proof</b>	ExiaII CT4X	
<b>Operating Temperature Range</b>	-10-40°C; 30-85%RH (non-condensing)	
<b>Main body dimensions</b>	78(W) x 200(H) x 50(D)mm	
<b>Main body weight</b>	Approx. 550g (including batteries)	
<b>Standard accessories</b>	Gas sampling hose with float type gas collector(5m, fluorine-contained), leather case, carrying case	
<b>Optional accessories</b>	Gas sampling hose with float type gas collector(10m, 20m, 30m, fluorine-contained), Calibration Gas Set for H <sub>2</sub> S	