

## Multi-Gas Monitor

For prevention of oxygen deficiency & CO poisoning, suction type

\* MD-611E



- Delivers gas alarm and/or any trouble with loud sound(above 90dB/10cm)
- Large LCD display for easy reading
- Delivers alarm with bright LED flickers, in operation(GREEN), alarm(RED), trouble(ORANGE)
- Powerful suction pump, fast response time
- Ex Explosionproof

### ■SPECIFICATIONS

Model	MD-611E	
Measuring Gas	Carbon monoxide	Oxygen
Measuring Principle	Chronoamperometry	Galvanic cell
Sampling method	Suction type Approx.0.6L/min (at room temperature with 5m gas sampling hose)	
Measuring Range	0 - 500ppm	0.0 - 50.0vol%
Resolution	1ppm	0.1vol%
Detectable accuracy	Below 100ppm : ±10ppm Above 101ppm : ±10% of indicated value	0.0 - 25.0vol% : ±0.5vol% Above 25.1vol% : ±3.0vol%
Alarm accuracy	Below 100ppm : ±10ppm Above 101ppm : ±10% of indicated value	±0.5vol% against alarm setting value 18.0vol%
Alarm concentration	Factory default settings AL1 : 50ppm AL2 : 100ppm	Factory default settings AL1 : 18.0%
Display	Digital liquid crystal	
Alarm Method	LED lamp, LCD display and buzzer	
Response Time	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
Operating Temperature Range	-10-40°C; 30-85%RH (non-condensing)	
Pressure range	80 - 110 kPa	
Power Supply	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>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), assembly for O <sub>2</sub> sensor replacement, assembly for CO sensor replacement