

Oxygen Concentration Monitor

For prevention of oxygen deficiency, suction type

* OM-600E



- 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	OM-600E
Measuring Gas	Oxygen in the air
Measuring Principle	Galvanic cell
Sampling method	Suction type Approx. 0.6L/min(at room temperature with 5m gas sampling hose)
Measuring Range	0.0-50.0vol%
Resolution	0.1vol%
Detectable accuracy	Within $\pm 0.5\text{vol}\%$ O ₂ at 0.0-25.0vol% Within $\pm 3.0\text{vol}\%$ O ₂ at over 25.1vol%
Alarm accuracy	$\pm 0.5\text{vol}\%$ against alarm setting value 18.0vol%
Alarm concentration	Factory setting : ALM1 18.0vol%
Response Time	Within 15 seconds at 90% response from sampling gas inlet at 20°C
Display	LCD
Alarm Method	LED lamp, LCD, buzzer
Explosion proof	ExiaII CT4X
Operating Temperature Range	-10-40°C; 30-85%RH (non-condensing)
Pressure range	80-110kPa
Power Supply	3 x AA size alkaline dry battery

Continuous Operating time	Approx. 16 hrs, no alarm
Main body dimensions	78(W) x 200(H) x 50(D)mm
Main body weight	Approx. 550g (including batteries)
Standard accessories	Gas sampling hose with float type gas collector(5m, polyurethane), leather case, carrying case
Optional accessories	Gas sampling hose with float type gas collector(polyurethane)in 10m, 20m or 30m, Assembly for O ₂ sensor replacement