

## Multi-Gas Monitor

For Oxygen/Combustible Gases/Hydrogen Sulphide

\* MD-801



- Digitally displays 3 elements simultaneously
- Auto calibration for O<sub>2</sub> sensor
- Auto zero adjustment for combustible gas sensor
- Auto zero adjustment for H<sub>2</sub>S sensor
- 2 power supply (battery and AC 100V)
- Data logger for trend analysis (up to 4000 measurements)
- Built-in water trap

### SPECIFICATIONS

Model	MD-801		
Measuring Gas	Oxygen	Combustible Gases	Hydrogen Sulphide
Measuring Principle	Galvanic cell	Catalytic combustion	Chronoamperometry
Measuring Range	0 - 50.0vol%	0 - 100%LEL	0 - 50.0ppm
Resolution	0.1vol%	1%LEL	0.1ppm
Accuracy	Within $\pm 0.5\text{vol}\%\text{O}_2$ at below 25.0vol%; Within $\pm 3.0\text{vol}\%\text{O}_2$ at 25.0vol% and over	Within $\pm 10\%\text{LEL}$ at below 100%LEL	Within $\pm 1.5\text{ppm}$ at below 30ppm; Within $\pm 10\%$ of the indication value at 30ppm and over
Display Method	Digital liquid crystal		
Alarm Setting	18% or less	20%LEL and over	10ppm and over
Alarm Method	LED Lamp, LCD display and buzzer		
Response Time	Within 15 seconds at 90% response		
Power Source	4 x "D"size alkaline dry batteries or AC 100V		
Continuous Operation	Approximately 35 hours with alkaline dry batteries		
Power Alarm	Lamp and buzzer		
Operating Temperature Range	-10 - 40°C		
Dimensions	230(W)×165(H)×130(D)mm		
Weight	2.8kg (including batteries and sensors)		
Standard Accessories	Gas sampling tube (8m) with float-type sampler, Carrying case		