

Personal CO/O₂ Monitor

XOC-2200



Model	XOC-2200
Gas Detected	Oxygen and Carbon monoxide
Detection Principle	Galvanic cell and Electrochemical cell
Sampling Method	Diffusion
Weight	Approx. 75g (including battery)

Pocket-sized personal oxygen and carbon monoxide detector.

Applications

For safety check by wearing at construction site and steel mills, safety of site workers.

Features

- Can be used continuously for 5000 hours.
- 3 types of Alarm: loud buzzer, alarm lamp and vibration.
- Available with TWA (Time Weighted Average) concentration display, peak memory, and peak hold function.

Specifications

Model	XOC-2200	
Gas Detected	Oxygen (O ₂)	Carbon Monoxide (CO)
Detection Principle	Galvanic cell	Electrochemical cell
Sampling Method	Diffusion	
Detection Range (Service Range)	0 to 25 vol% (25-50vol%)	0 to 300 ppm
Resolution	0.1vol%	0-300ppm: 1ppm 301-2,000ppm: 50ppm
Indication Accuracy*1	Within ±0.5vol%	Within±30ppm
Alarm Set Value	1st stage: 19.5vol% 2nd stage: 18.0vol%	1st stage: 50ppm, 2nd stage: 150ppm, 150ppm · h (time weighted average)
Response Time*2	20s or less	30s or less
Display Mode	LCD (Manual backlight)	
Alarm Mode	Buzzer sounds, flashing red light, vibrator	
Approvals	Ex ib IIB T3 (TIIS)	
Function	Remaining battery level, peak hold, peak value memory, readout of time weighted average, remaining battery level, alarm functions except gas alarm (time weighted average, sensor malfunction, battery level, zero-adjustment malfunction), gas calibration, gas concentration indication	
Operation Temperature	-10°C to +40°C, 30 to 90 %RH (non-condensing)	
Operation Air Pressure	Air pressure ±10%	
Power Source	1 x AAA alkaline dry cell	
Battery Life*3	Up to 5,000 hours (at 20°C with less than 20ppm of CO and more than 20.3vol% of O ₂)	
Dimensions	W65 x H64 x D22mm (excluding protrusions)	
Weight	Approx. 75g (including batteries)	
Standard Accessories	1 x AAA alkaline dry cell, 1 x safety pin adaptor (with fixing screw)	

*1 Under identical measuring conditions.

*2 Operating at 20 ±2°C.

*3 Battery life may vary with ambient conditions, conditions of use, storage period, battery manufactures, etc.