

PERSONAL CO/O₂ DETECTOR **XOC-2200**



(Actual size)



FEATURES

- Uses continuously for 5,000 hours.
- 3 types of Alarms: 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	
Measuring Range (Service Range)	0-25vol% (25-50vol%)	0-300ppm
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	
Functions	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	
Operating Temperature	-10°C to 40°C, 30-90% RH (non-condensing)	
Operating Air Pressure	Air pressure±10%	
Power source *3	1 × AAA alkaline dry cell	
Battery Life	Up to 5,000 hours (at 20°C with less than 20ppm of CO and more than 20.3vol% of O ₂)	
Dimensions	W65 × H64 × D22mm (excluding protrusions)	
Weight	Approx. 75g (including battery)	
Standard Accessories	1 × AAA alkaline dry cell, 1 × 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.

PERSONAL H₂S/O₂ DETECTOR **XOS-2200**



(Actual size)



FEATURES

- Uses continuously for 5,000 hours.
- 3 types of Alarms: loud buzzer, alarm lamp and vibration.
- Thin, lightweight design.

SPECIFICATIONS

Model	XOS-2200	
Gas Detected	Oxygen (O ₂)	Hydrogen Sulfide (H ₂ S)
Detection Principle	Galvanic cell	Electrochemical cell
Sampling Method	Diffusion	
Detection Range (Service Range)	0-25vol% (25-50vol%)	0-30.0ppm (30.1-100ppm)
Resolution	0.1vol%	0-35.0ppm: 0.1ppm 35-100ppm: 5ppm
Indication Accuracy *1	Within ±0.5vol% ±1 digit	Within ±1.5ppm ±1 digit
Alarm Set Value	1st stage: 19.5vol% 2nd stage: 18.0vol%	10.0ppm 15.0ppm
Response Time *2	20s or less	30s or less
Display Mode	LCD (Manual backlight)	
Alarm Mode	Buzzer sounds, flashing red light, vibrator	
Functions	Remaining battery level, peak hold, memory of peak value, alarm functions except gas alarm (sensor malfunction, remaining battery level, air-adjustment malfunction), gas concentration indication.	
Operations Temperature	-10°C to 40°C, 30-85% RH (non-condensing)	
Operation Air Pressure	Air pressure ±10%	
Power Source	1 × AAA alkaline dry cell (LR03)	
Battery Life *3	Up to 5000 hours (at 20°C without alarm)	
Dimensions	W65 × H64 × D22mm (excluding protrusions)	
Weight	Approx. 75g (including battery)	
Standard Accessories	1 × AAA alkaline dry cell, 1 × safety pin adaptor (with fixing screw)	

*1 Under identical measuring conditions. *2 Assuming 90% response and operating at 20 ±2°C.

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