

XOS-2200

Type of Gas Detected



Toxic gas

Detection Principle



Electrochemical cell sensor



Features

- Can be used continuously for 5000 hours.
- Available with loud buzzer, alarm lamp from 4 dimensions, peak hold function.
- Available with TWA (Time Weighted Average) gas concentration display, memory of peak value, and peak hold function.
- Thin, lightweight design.
- Available with gas calibration kit (Optional).

Specifications

Model	XOS-2200	
Gas Detected	Oxygen (O2)	Hydrogen Sulfide (H2S)
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: 0.1 ppm 35-100ppm: 5ppm
Indication Accuracy *1	Within $\pm 0.5\text{vol}\%$ ± 1 digit	Within $\pm 1.5\text{ppm}$ ± 1 digit
Alarm Set Value	1st stage 19.5vol%	10.0ppm
	2nd stage 18.0vol%	15.0ppm
Response Time *2	20s or less	30s or less
Display Mode	LDC (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 $\pm 10\%$	
Power Source	1 \times AAA alkaline dry cell (LR03)	
Battery Life *3	Up to 5000 hours (at 20°C without alarm)	
Dimensions	W65 \times D22 \times H64mm (excluding protrusions)	
Weight	Approx. 75g (including battery)	
Standard Accessories	1 \times AAA alkaline dry cell, 1 \times safety pin adaptor (with fixing screw)	

*1 Under identical measuring conditions. *2 Assuming 90% response and operating at $20 \pm 2^{\circ}\text{C}$.

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