

# 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

<b>Model</b>	<b>XOS-2200</b>	
<b>Gas Detected</b>	Oxygen (O <sub>2</sub> )	Hydrogen Sulfide (H <sub>2</sub> S)
<b>Detection Principle</b>	Galvanic cell	Electrochemical cell
<b>Sampling Method</b>	Diffusion	
<b>Detection Range (Service Range)</b>	0-25vol% (25-50vol%)	0-30.0ppm (30.1-100ppm)
<b>Resolution</b>	0.1vol%	0-35.0ppm: 0.1ppm 35-100ppm: 5ppm
<b>Indication Accuracy *1</b>	Within ±0.5vol% ±1 digit	Within ±1.5ppm ±1 digit
<b>Alarm Set Value</b>	1st stage 2nd stage	10.0ppm 15.0ppm
<b>Response Time *2</b>	20s or less	30s or less
<b>Display Mode</b>	LDC (Manual backlight)	
<b>Alarm Mode</b>	Buzzer sounds, flashing red light, vibrator	
<b>Functions</b>	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.	
<b>Operations Temperature</b>	-10°C to 40°C, 30-85% RH (non-condensing)	
<b>Operation Air Pressure</b>	Air pressure ±10%	
<b>Power Source</b>	1 × AAA alkaline dry cell (LR03)	
<b>Battery Life *3</b>	Up to 5000 hours (at 20°C without alarm)	
<b>Dimensions</b>	W65×D22×H64mm (excluding protrusions)	
<b>Weight</b>	Approx. 75g (including battery)	
<b>Standard Accessories</b>	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.