

Toxic Gas Detectors

Accurately Detect Low Concentration Toxic Gases, Using High Sensitivity Sensors

COSMOS Personal Gas Monitor XX-2200 Series Carbon monoxide detector

XC-2200



(Actual size)

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	XC-2200
Gas Detected	Carbon Monoxide (CO)
Detection Principle	Electrochemical cell
Sampling Method	Diffusion
Measuring Range (Service Range)	0-300ppm (300-2,000ppm)
Resolution	0-350ppm: 1ppm / 350-2,000ppm: 50ppm
Indication Accuracy *1	Within ±30ppm
Alarm Set Value	50ppm (first stage), 150ppm (second stage), 150ppm·h (time weighted average)
Response Time *2	30s or less (90% of final reading)
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, alarm functions except gas alarm (time weighted average value, sensor malfunction, remaining battery level, zero-adjustment malfunction), gas calibration
Operating Temperature	-10°C to 40°C, 30-90% RH (non-condensing)
Operating Air Pressure	Air pressure ±10%
Power Source	1 × AAA alkaline dry cell
Battery Life *3	Up to 5,000 hours (at 20°C with less than 20ppm)
Dimensions	W65 × D22 × H64mm (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.

COSMOS Personal Gas Monitor XX-2100 Series Hydrogen sulfide detector

XS-2200



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	XS-2200
Gas Detected	Hydrogen Sulfide (H2S)
Detection Principle	Electrochemical cell
Sampling Method	Diffusion
Detection Range (Service Range)	0-30.0ppm (30.1-100ppm)
Resolution	0-35.0ppm: 0.1ppm 35-100ppm: 5ppm
Indication Accuracy *1	Within ±1.5ppm ±1digit
Alarm Set Value	1st stage 10.0ppm 2nd stage 15.0ppm
Response Time *2	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)
Operation Temperature	-10°C to 40°C, 30-85%RH (non-condensing)
Operation Air Pressure	Air pressure ±10%
Power Source	1 × AAA alkaline dry cell
Battery Life *3	Up to 5,000 hours (at 20°C with less than 5 ppm)
Dimensions	W65 × D22 × H64mm (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.