

Personal Oxygen Monitor

XO-2200



O₂ Oxygen
Measurement during Work
Oxygen Deficiency Prevention

Explosion-proof Type

Model	XO-2200
Gas Detected	Oxygen
Detection Principle	Galvanic cell
Sampling Method	Diffusion
Weight	Approx. 75g (including battery)

Pocket-sized personal oxygen monitor.

Applications

- For safety check by wearing in tank, manhole, tunnel construction, hold and bottom etc.
- For safety of site workers.

Features

- Can be used continuously for 5000 hours.
- Available with loud buzzer, alarm lamp from 4 dimensions, peak hold function.
- Thin, lightweight design.

Specifications

Model	XO-2200
Gas Detected	Oxygen
Detection Principle	Galvanic cell
Sampling Method	Diffusion
Detection Range (Service Range)	0 to 25 vol% (25 to 50 vol%)
Resolution	0.1vol%
Indication Accuracy*1	Within ±0.5vol%
Alarm Set Value	1st stage: 19.5vol% 2nd stage: 18.0vol%
Response Time*2	20s 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, memory of peak value, alarm functions except gas alarm (sensor malfunction, remaining battery level, air-adjustment malfunction)
Operation Temperature	-10 to +40 °C, 30 to 90 %RH (non-condensing)
Operation Air Pressure	Air pressure ±10%
Power Source	1 x AAA alkaline dry cell (LR 03)
Battery Life*3	Up to 5000 hours (at 20°C without alarm)
Dimensions	W65 x H64 x D22 mm (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 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.