

Personal H2S Monitor

XS-2200



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|---------------------|---------------------------------|
| Model | XS-2200 |
| Gas Detected | Hydrogen Sulfide |
| Detection Principle | Electrochemical cell |
| Sampling Method | Diffusion |
| Weight | Approx. 75g (including battery) |

Pocket-sized personal hydrogen sulfide detector.

Applications

- For safety check by wearing at incineration plant, sewerage facility and petrochemical plant.
- 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

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|---------------------------------|--|
| Model | XS-2200 |
| Gas Detected | Hydrogen Sulfide |
| Detection Principle | Electrochemical cell |
| Sampling Method | Diffusion |
| Detection Range (Service Range) | 0 to 30.0 ppm (30.1 to 100 ppm) |
| Resolution | 0-35.0ppm:0.1ppm 35-100ppm: 5ppm |
| Indication Accuracy*1 | Within $\pm 1.5\text{ppm} \pm 1\text{digit}$ |
| 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 |
| Approvals | Ex ib IIB T3 (TIIS) |
| 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 to 85 %RH (non-condensing) |
| Operation Air Pressure | Air pressure $\pm 10\%$ |
| Power Source | 1 x AAA alkaline dry cell |
| Battery Life*3 | Up to 5000 hours (at 20°C with less than 5ppm) |
| Dimensions | W65 x H64 x D22 mm (excluding protrusions) |
| Weight | Approx. 75g (including battery) |
| Standard Accessories | 1 x AAA alkaline dry cell, 1 x safety pin adaptor (with fixing screw) |

*1 Under identical measuring conditions.

*2 Operating at 20 \pm 2°C.

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