

Toxic Gas Detectors

Accurately Detect Low Concentration Toxic Gases, Using High Sensitivity Sensors

COSMOS Personal Gas Monitor XX-2000 Series Carbon Monoxide Detector

XC-2000

Type of Gas Detected Detection Principle



Toxic gas



Electrochemical cell sensor



(Actual size)



Environmentally Friendly COSMOS Gas Monitoring Products

Please return used products. COSMOS will be responsible for disposing their batteries and sensors. The products are reusable with new batteries and sensors.

Features

- One-button simplicity.
- Ultra compact and light weight of only 69 grams.
- A COSMOS product adapting to the recycling-oriented society. COSMOS will handle inconvenient replacement of batteries and sensors.
- Provides two years continuous operation.

Specifications

| Model | XC-2000 |
|---------------------------|--|
| Gas Detected | Carbon monoxide |
| Detection Principle | Electrochemical cell |
| Sampling Method | Diffusion |
| Detection Range | 0-300ppm (service range: up to 500ppm) |
| Indication Accuracy *1 | ±10%FS (0-150ppm) |
| Alarm Set Value | 50ppm (1st stage), 150ppm (2nd stage) |
| Alarm Indication | Red lamp flashing, intermittent buzzer, and concentration indication |
| Response Time *2 | 30s or less (90% response) |
| Operating Temperature | 0 to 40°C |
| Power Source | Lithium battery |
| Battery Life | 2 years (at 20°C without alarming) |
| Explosion-Proof Structure | Ex ia II CT4 |
| Dimensions | W65 × H50 × D21mm (excluding protrusions) |
| Weight | Approx. 69g |
| Additional Functions | Self-diagnosis, Peak hold, Automatic zero calibration |
| Standard accessories | Attachment clip, Strap, Spare filters |

*1 Under identical conditions.

*2 Operating at 20±2°C.