



RIKEN KEIKI

INDOOR OXYGEN MONITOR

Model OX-600



3 color LED Digital Display



Normal



Warning



Alarm

Features

Stand alone with audible and visual alarms (Analog output is also available)

Intuitive three color alarming display

Long life and reliable oxygen sensor

Three kinds of power supply are available, 100-120VAC, 24VDC, and Dry cells (two AA batteries)

Remote sensor with cable length 3m, 5m, 10m, 20m are available (optional)

Pressure compensation to eliminate false alarm caused by pressure variation

Applications

Laboratories, Cryogenic, Clean room, Gas storage room, any facilities using inert gases such as nitrogen, argon, helium, etc.



RIKEN KEIKI

Specifications

| | | | |
|-----------------------------|--|--------------|----------------------------|
| Model Name | OX-600 | | |
| Detection Principle | Galvanic cell | | |
| Gas Detected | Oxygen | | |
| Sampling Method | Diffusion or remote sampling method | | |
| Measuring Range | 0-25.0vol% (0.1vol% digit) | | |
| Preset Alarm Levels | 1st :19.0vol% 2nd :18.0vol% (Standard) | | |
| Alarm Types | Two preset alarms (L-LL) | | |
| Trouble Alarm Method | Non-latching or Latching | | |
| Display | LCD digital display (3 digits, 3 color, Green, Orange, Red backlight)*1 | | |
| Indication on the display | Measuring gas, Gas concentration, Measuring unit, Battery level (alkaline battery type only) | | |
| Functions | Self-diagnosis(sensor fail, watch fail, system fail), Pressure compensation | | |
| Power Supply | 100-120VAC 50/60Hz | DC24V±10% | AA alkaline battery x 2pcs |
| Power Consumption | MAX5VA | MAX3W | — |
| Alarm Contact | Non-voltage contact 1a or 1b* normally-open (closed in ALARM) | | —*2 |
| Transmittance Specification | DC 4-20mA (Non-isolated, Resistive load under 300Ω) or DC 0-1V (Non-isolated) | | DC 0-1V (Non-isolated) |
| Remote cable | 3m/5m/10m/20m | | |
| Operating | 0-40°C (no sudden change), Below 90%RH以下 (no-condensing) | | |
| Dimension | Body: approx. 80 (W) × 120 (H) × 35.5 (D) mm Remote sensor: approx. 40 (W) × 96 (H) × 35.5 (D) mm | | |
| Weight | Approx. 200g | Approx. 180g | Approx. 230g |
| Weight of remote sensor | Approx. 55g(without cable) | | |

*1 No backlight for battery type at normal times

*2 No contact for battery type

Body



Compact size
(80x120x35.5mm)

Example

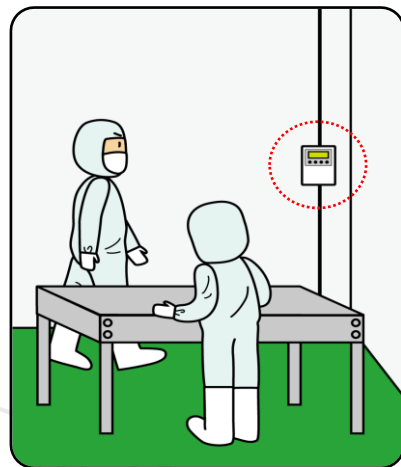
【Dry Battery】

Type for tunnel, underground construction field etc.



【AC100V / DC24V】

Type for clean room, laboratory, etc.



Standard accessories

- Screw (round head) x 2 pcs.
- Screw (pan head) x 2pcs.

Optional accessories

- Remote sensor (Cable length : 3m/5m/10m/20m)



- Mounting plate
- Calibration cap



RIKEN KEIKI Co.,Ltd.

2-7-6 Azusawa, Itabashi-ku, Tokyo 174-8744, Japan

Phone : +81-3-3966-1113

Telefax : +81-3-3558-9110

E-mail : intdept@rikenkeiki.co.jp

Web site : http://www.rikenkeiki.co.jp