

Monitor oxygen concentration in the air!

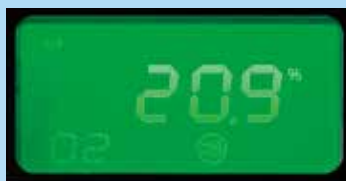
Small oxygen monitor

Model OX-600

CE Marking approved
(excluding AC power supply specification)



- Large and easy to read, three-color LCD display



Normal screen (green)



Caution screen (orange)



Danger screen (red)

- Pressure correction function

Air pressure correction sensor incorporated in the main body ensures no fluctuation of the reading due to air pressure.

- Line up of three specifications for power supply

Specifications can be selected for "AC power", "DC power" and "dry battery" depending on the installation place.

- Continuous operation for approx. 1 year with 2 size AA alkaline battery

* No alarming, backlight off

- Up to 20 m remote sensing possible with remote sensor (optional)

Four cable length : 3 m, 5 m, 10 m, 20 m.



Just pushing the button to replace batteries

Specification

| | | | |
|--|---|---------------|-------------------------|
| Model | OX-600 | | |
| Detection principle | Galvanic cell type | | |
| Gas to be detected | Oxygen | | |
| Detection method | Diffusion type | | |
| Detection range (1 digit) | 0 ~ 25.0vol% (0.1vol%)/0 ~ 50.0vol% (0.5vol%) | | |
| Alarm setpoint value | Detection range 0 ~ 25.0vol% : 1st 19.0vol% (L)/2nd 18.0vol% (LL) Detection range 0 ~ 50.0vol% : 1st 18.0vol% (L)/2nd 25.0vol% (H) | | |
| Gas alarm type | Two-step alarm (L-LL, L-H or H-HH) | | |
| Gas alarm display | 1st: Display lights up orange (with orange backlight) / buzzer 2nd: Display lights up red (with red backlight) / buzzer | | |
| Gas alarm pattern | Fault alarm pattern or non latching (auto-reset) | | |
| Concentration display | LCD digital display (3 digits/7 segments/three-color backlight, green/orange/red) *1 | | |
| Various displays | Measurement gas, gas concentration, measurement unit, battery level (only for dry battery specification) | | |
| Function | Self-diagnosis function (sensor error, clock error, system error), air pressure correction | | |
| Power supply | 100VAC±10% 50/60Hz | 24VDC±10% | Dry battery (2 size AA) |
| Power consumption | Max. 5VA | Max. 3W | — |
| Alarm contact | Dry contact 1a or 1b each/ de-energized in a normal state (energized at an alarm state) *2 | | — |
| Gas concentration signal | 4 ~ 20 mADC (non-isolated/load resistance 300 Ω or less) or 0 ~ 1 VDC (non-isolated) | | 0 ~ 1VDC (non-isolated) |
| Cable between detector heads | Cable dedicated for remote sensor (select from 3 m, 5 m, 10 m, 20 m) | | |
| Range of operating temperature and relative humidity | -10 ~ + 40° C (no sudden change), below 90% RH (non-condensing) | | |
| External dimension (projection portions excluded) | Main body: Approx. 80 (W) × 120 (H) × 35.5 (D) mm Remote sensor: Approx.40 (W) × 96 (H) × 35.5 (D) mm | | |
| Weight | Approx. 200 g | Approx. 180 g | Approx. 230 g |
| Weight of remote sensor part | Approx. 55 g (excluding cable) | | |
| Certifications | CE Marking approved (excluding AC power supply specification) | | |

*1 For dry battery specification, no green backlight at normal state

*2 For dry battery specification, no alarm contact

Accessories

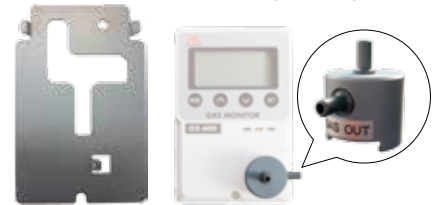
- 2 round head wood screws for installation
- 2 pan head screws for installation
- 1 AC power source cable 3.2 m
(Note)Included only for AC power supply specification

Optional Accessories

- Remote sensor
Monitor oxygen concentration at a remote place
(Cable length: 3 m/5 m/10 m/20 m)



- Mounting plate
- Calibration cap
Attach the cap to sensor part.



Main body

Downsizing, renovated design,
easier to use!

Improved operability by smaller and
lighter body, larger display and new up/
down buttons



Example

[Dry battery specification]

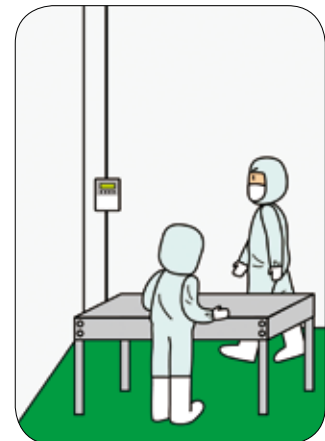
Monitoring of oxygen concentration at underground
worksite, such as tunnels and sewage lines



Monitoring of oxygen concentration in warehouses, tanks, furnaces, hospitals, and other facilities to store/consume oxygen

[100 VAC specification/24 VDC specification]

Prevention of oxygen deficiency accidents
at clean rooms, laboratories, etc.



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