

World's smallest & lightest !! Portable gas monitor

Model GX-3R

4 gas monitor

| | |
|-----|------------------|
| LEL | O ₂ |
| CO | H ₂ S |



Smallness and lightness of gas monitor is a very important in a confined space.

GX-3R is the smallest and lightest 4 gas monitor in the market. It is about 100 g, which is a size that does not interfere with work even if it is attached to the Breathing Zone. Moreover, it can be used continuously for about 40 hours (with long-battery mode), it has waterproof / dust-proof performance equivalent to IP66/68 so it can be used with confidence. The newly developed sensors have 3 year warranty. In addition, using SDM-3R daily maintenance and gas adjustment, it is possible to minimize maintenance time and cost.

Applications



Petrochemical Industry



Shipping



Iron and Steel Industry



Gas Plants



Construction Industry



Fire Service



Thermal Power Plants



Automotive Factories



Food Industry



Semiconductor

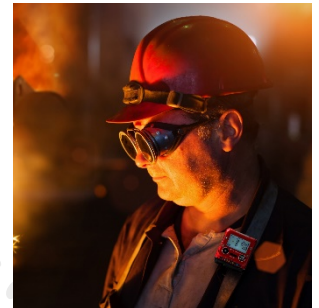
Specifications

It may be different from the final specification because it is under development.

| Model | GX-3R | | | |
|-----------------------------|--|---|---|---|
| Gas to be detected | Combustible gas (CH4 or HC) | Oxygen (O2) | Carbon monoxide (CO) | Hydrogen sulfide (H2S) |
| Detection principle | New ceramic type | Electrochemical type | | |
| Detection method | Diffusion type | | | |
| Detection range | 0~100%LEL | 0~40.0% | 0~2000ppm | 0~200.0ppm |
| Resolutions | 1%LEL | 0.1% | 1ppm | 0.1ppm |
| Alarm set point value | 1 st alarm : 10%LEL 2 nd alarm : 25%LEL 3 rd alarm : 50%LEL OVER alarm : 100%LEL | 1 st alarm : 19.5% 2 nd alarm : 18.0% 3 rd alarm : 23.5% OVER alarm : 40.0% | 1 st alarm : 25ppm 2 nd alarm : 50ppm 3 rd alarm : 1200ppm TWA alarm : 25ppm STEL alarm : 200ppm OVER alarm : 2000ppm | 1 st alarm : 5.0ppm 2 nd alarm : 30.0ppm 3 rd alarm : 100.0ppm TWA alarm : 1.0ppm STEL alarm : 5.0ppm OVER alarm : 200ppm |
| Gas alarm display | Lamp blinking, continuous modulating buzzer sounding, gas concentration display blinking and vibration | | | |
| Gas alarm pattern | Self-latching | | | |
| Fault alarm | System abnormalities, sensor abnormalities, battery voltage drop and calibration failure | | | |
| Fault alarm display | Lamp blinking, intermittent buzzer sounding and detail display | | | |
| Fault alarm pattern | Self-latching | | | |
| Concentration display | LCD digital (7-segment + 14-segment + Icon) ,Backlight | | | |
| Displays | Operating state, Clock, Temperature, Peak value, Calibration expiration date | | | |
| Buzzer | Approx. 95 dB (at 30 cm) | | | |
| Confirmation beep | Operation : OFF, LED, BUZZER, LED + BUZZER selectable (The default setting is "OFF") Interval : can be selected from 30 sec. to 99 minutes (The default setting is "5 minutes") | | | |
| Data logging | 300 hours (adjustable) 3600 event logs Can be read out with IrDA | | | |
| Battery | Lithium ion battery < 3 hour charge time | | | |
| Warm-up time | 2 minutes | | | |
| Continuous operating time | Approx. 40 hours (with long-battery, at 25°C, no alarm, no lighting) Approx. 25 hours (at 25°C, no alarm, no lighting) | | | |
| Operating Temperature range | -40~+60°C at a constant condition (intermittent) -20~+50°C at a constant condition (continuous) | | | |
| Operating Humidity range | 0~95%RH non-condensing (intermittent) 10~90%RH non-condensing (continuous) | | | |
| IP rating | IP66/68 | | | |
| Dimensions/Weight | Approx. 58(W)×65(H)×26(D)mm (projection portions excluded) / Approx. 100g | | | |

Optional Accessories

- Protection film for LCD
- Heat-resistant case
- Leather case
- Arm or ankle band
- Manual pump unit
- Carrying case
- Cradle charger
- Multi-Unit Adaptor (Simultaneously charge five monitors)
- Adaptor for IrDA communication
- Data logger software [SW-GX-3R]
- Pump unit [RP-3R]
- Docking station [SDM-3R]



To Ensure Your Life...

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