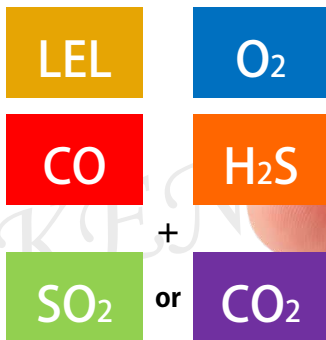


# World's smallest & lightest !! Portable gas monitor

Spring 2019 Debut

Model GX-3R Pro

5 gas monitor



selectable !



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

GX-3R Pro is the smallest and lightest 5 gas monitor in the market. In addition to combustible gases, oxygen, carbon monoxide, hydrogen sulfide, you can select +1 sensor for example sulfur dioxide or Carbon dioxide. Furthermore, full-dot display easy to see can displays 11 languages, and it can be used in an environment of -40°C to + 60°C, so it meets a wide range of needs. 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 Pro  |
| Detection method            | Diffusion type   |
| 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  |
| Panic alarm                 | Pre alarm, Main alarm (triggered after a 5-second pre alarm) Self-latching   |
| Man-down alarm              | Pre alarm1 : 60 sec. Pre alarm2 : 75 sec. Main alarm : 90 sec. (adjustable) Self-latching  |
| Concentration display       | LCD digital display (full-dot), Backlight  |
| Displays                    | Operating state, battery level, Clock, Temperature, Peak value, Calibration expiration date  |
| Language                    | Japanese/English/French/Spanish/Portuguese/German/Italian/Russian/Korean/Chinese (SC & TC)   |
| Out put                     | Bluetooth (BLE : Bluetooth Low Energy)   |
| Buzzer                      | Approx. 95 dB (at 30 cm)   |
| Confirmation beep           | Operation : OFF, LED, BUZZER, LED+BUZZER selectable (The default setting is "OFF")<br>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 unit BUL-3R (< 3 hour charge time) or Dry battery unit BUD-3R (2 AAA alkaline dry batteries)   |
| Warm-up time                | 2 minutes  |
| Continuous operating time*  | Approx. 40 hours (with long-battery, at 25°C, no alarm, no lighting)<br>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           | BUL-3R in use : Approx. 73(W)×65(H)×26(D)mm (projection portions excluded) / Approx. 120g<br>BUD-3R in use : Approx. 73(W)×65(H)×34(D)mm (projection portions excluded) / Approx. 140g |

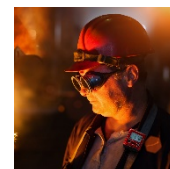
\*Depends on sensor type. For more information, please contact us.

## Sensors

| Gases       | Combustible gas | Oxygen (O <sub>2</sub> ) | Carbon monoxide (CO) | Hydrogen sulfide (H <sub>2</sub> S) | Sulfur dioxide (SO <sub>2</sub> ) | Carbon dioxide (CO <sub>2</sub> ) |
|-------------|-----------------|--------------------------|----------------------|-------------------------------------|-----------------------------------|-----------------------------------|
| Principle   | New ceramic     | Electrochemical type     |                      |                                     |                                   | NDIR                              |
| Range       | 0~100%LEL       | 0~40.0%                  | 0~2000ppm            | 0~200.0ppm                          | 0~100.00ppm                       | 0~10.00vol%<br>0~10000ppm         |
| Resolutions | 1%LEL           | 0.1%                     | 1ppm                 | 0.1ppm                              | 0.05ppm                           | 0.01vol%<br>20ppm                 |

## 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 Pro]
- Pump unit [RP-3R (Pro)]
- Docking station [SDM-3R]



**To Ensure Your Life...**

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