

CO₂ gas monitor for visualization of ventilation levels

MODEL: **CO₂RK-Lite**



- Adoption of NDIR sensor for accurate measurement and no false positives
- Does not interfere with rubbing alcohol at all
- Can remotely monitor alarm status by communicating with a smart phone

Specifications

Detection principle	Nondispersive infrared absorption method (NDIR)
Detection target gas	Carbon dioxide (CO₂)
Detection range	400 - 5,000 ppm
Display accuracy (for identical conditions)	±50 ppm ± 5 % reading (standard conditions: 25 °C, 1 atmosphere)
Display function	LCD digital display (with 3-color backlight: green, orange, and red)
Alarm setpoints	1st: 1,000 ppm / 2nd: 1,500 ppm (default setting)
Alarm pattern	1st: Backlight lights up (orange), buzzer sounds 2nd: Backlight lights up (red), buzzer sounds * By default, the buzzer is set to on.
Power source	100 - 240 V AC ± 10 %, 50/60 Hz
Power consumption	Maximum 5 VA (100 V AC), 8 VA (240 V AC)
Operating temperature range	0 - 40 °C (no sudden fluctuations)
Operating humidity range	Up to 90 %RH (no condensation)
External dimensions	Main unit: Approximately 80 (W) × 120 (H) × 38.5 (D) mm
Weight	Approximately 180 g

Features and Benefits

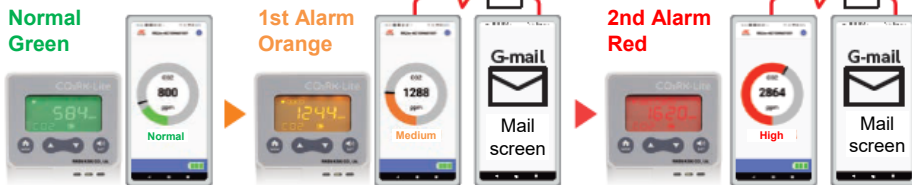


Linked to smartphone with dedicated app

The product uses Bluetooth® to allow monitoring of carbon dioxide concentrations from a smartphone.

Smartphone screen image

Email(G-mail) notification when alarm points are exceeded



Backlight color identifies alarm status

Quick and easy to use

Measurement starts immediately upon power-on.
Simple design and easy operation.



power switch



Maintenance-free for 10 years

No parts replacement

No periodic maintenance

*Product warranty is 1 year

Examples of RK Link application

Email notification of CO₂ gas concentration alarms in restaurants to employees' smartphones



Employees ventilate



Open the window triggered by the alarm



Monitoring CO₂ concentration in conference rooms via smartphone



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