# Carbon monoxide and Carbon dioxide detectorCMCD-200

The compact body permits accurate measurement of CO and $CO_2$ in buildings and offices.

Can simultaneously measure carbon monoxide and carbon dioxide, quickly and accurately.

- The product is small and light, weighing a mere 600 g. It can thus be carried around with ease.
- The indication accuracy for CO is +/-1ppm, putting it in the high reliability class (within the range of 0-10 ppm).
- The energy conservation switch reduces the drain on the batteries.
- The lighting switch enables you to easily read the measured results even in a dark location.
- The CO sensor can be replaced by the customer.
- The product can be powered by three kinds of power supply (dry batteries, nickel-hydrogen rechargeable batteries, and AC supply).
- 24-hour measurement can be performed (by using the optional AC adapter).
- Incorporates a logging function.

# Specifications

| Target gas | Carbon monoxide | Carbon dioxide |
|---|---|---|
| Measurement range | 0.0 - 50.0 ppm (Service range: 50.1 - 59.9 ppm; For 60.0 or higher, "OVER" is displayed.) | 0 - 6,000 ppm (Service range: 6,000 - 9,950 ppm; For 10,000 ppm or above, "OVER" is displayed.) |
| Measurement method | Controlled potential electrolysis method | Non-diffusion infrared absorption method |
| Sampling method | Diaphragm pump | |
| Display | LCD digital display (Displayed contents: Instantaneous concentration, Average value over 1 minute, Time and date, Remaining battery capacity) | |
| Indicating accuracy(20ºC, during calibration) | 0 - 10.0 ppm: +/- 1ppm<br>10.1 - 50.0 ppm: +/- 5 % of full scale | 0 - 2,000 ppm: +/- 50 ppm<br>2,001 - 4,000 ppm: +/- 100 ppm<br>4,001 - 6,000 ppm: +/- 300 ppm |
| Operating Temperature / Humidity range | Temperature : -5 - 40 °C<br>Relative humidity : 30 - 90 %RH | |
| Power source | Four Size AA alkaline batteries or nickel-hydrogen rechargeable batteries, AC adapter (optional) | |
| Dimensions | 155 (W) x 72 (D) x 95 (H) mm (Excluding protrusions) | |
| Weight | 600 g (including batteries) | |

*The products may not be sold depending on countries and regions.

# Options



Carbon monoxide sensor    CO-529E

Recommended sensor