

# CENTER 513 Datalogger Carbon Dioxide (CO2) Meter (NDIR)

## FEATURES



- CO2, humidity and temperature sensors.
- **Dual wavelength NDIR CO2 sensor (Non-Dispersive** Infrared) for superior stability.
- User operated CO2 calibration.
- Data Hold & Max/Min/STEL/TWA function.
- Adjustable auto power off timer.
- Internal CO2 alarm buzzer.
- Datalogging up to 32,000 sets.
- **USB** interface, PC software included.
- Backlight display function.

## SPECIFICATIONS

#### Measurement Range:

CO2: 0 ~ 30000 ppm (5000~30000 ppm over range)

Temperature: -20 to 60°C(-4°F to 140°F)

Humidity: 0 ~ 100%RH

#### Accuracy:

CO2: ± (75 ppm + 3% of reading) (0 ~ 5000 ppm)

Temperature: ± 0.8°C Humidity: ± 3%RH

Resolution: 1 ppm, 0.1°C/0.1°F, 0.1%RH

Response Time: 20 seconds

Power Source: 9V alkaline battery or Micro USB

**Battery life:** 

Approximately 10 hours normal use

(alkaline battery)

Operating Condition: 0°C to 50°C(< 90%RH) Storage Condition: -20°C to 60°C(< 75%RH)

**Dimensions:** 284.5 x 65 x 38.5 mm

Weight: 304 g Accessories:

9V Battery \ Instruction Manual \

micro USB cable . Windows software .

Carrying case.













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