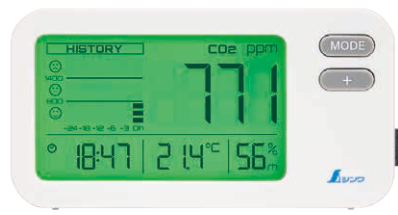


Digital Carbon Dioxide Concentration Meter Optical NEW



78977

- LCD screen changes color depending on concentration of CO₂ in air and also displays numerical values



Features

- Optical sensor that does not react to gases other than CO₂
- CO₂ concentration status for past 24 hours shown on graph
- CO₂ concentration, time, temperature, humidity, and CO₂ concentration graph can be displayed simultaneously
- Correction function that can correct measured value in event of operational concerns
- Stand device as is or hang on wall with hook hole
- Backlight function with 7 colors to choose from

Use

- For indoor ventilation guidelines in homes, offices, restaurants, etc.

Specifications

Measuring Range	CO ₂ Concentration	0 - 9,999 ppm
	Accuracy	0 - 3,000 ppm: ±100 ppm or ±7%, whichever is greater Over 3,000 ppm: ±10
Measuring Range	Temperature	0 - 50°C
	Accuracy	±1°C
Measuring Range	Humidity	0 - 99%
	Accuracy*	20 - 80%: ±5% Other: ±10%
Use Environment	0 - 50°C, 0 - 95% (0 - 99% with no condensation)	
Measuring Interval	2 sec (LCD screen interval: 30 sec)	
Power Source	USB DC 5V 300 mA or greater	
Material	Body: ABS resin	
Accessory	USB(Type-A - micro Type-B) cable	

*At an operating temperature of 25°C.

●Parts are listed from p.274

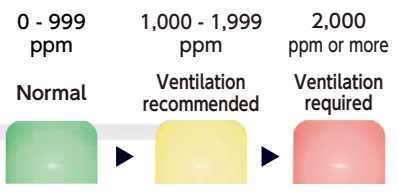
Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78977	with Correction Function	55×105×33	86	4 960910 789777	5	

Carbon Dioxide Sensor Optical NEW



78976

- Color changes depending on concentration of CO₂ in air



Features

- Optical sensor that does not react to gases other than CO₂
- Buzzer sounds when display changes color
- Display brightness adjustable in 3 levels
- Correction function that can correct measured value in event of operational concerns
- Stand device as is or hang on wall with hook hole

Use

- For indoor ventilation guidelines in homes, offices, restaurants, etc.

Specifications

Use Environment	(Temperature)0 - 50°C (Humidity)0 - 85%
Storage Requirement	(Temperature)-10 - 60°C (Humidity)0 - 85%
Display interval	30 sec
Power Source	USB DC 5V 300 mA or greater or 3 alkaline AAA batteries* (Batteries included is for trial use only and may not last as long)
Material	Body: ABS resin
Accessory	USB(Type-A - micro Type-B) cable

*This product is capable of correcting measured values in the event of operational concerns. During the correction operation, it is necessary to acclimate the product to the air outdoors. In that case, please insert the battery and perform the correction operation. For normal measurement, we recommend using a USB power supply.

●Parts are listed from p.274

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78976	3-color Display with Correction Function	92×57×43	125	4 960910 789760	5	

- **Optical detection (designated by METI guidelines)**
This method utilizes a specific wavelength of light absorbed by CO₂ molecules. It uses a mechanism in which the amount of infrared radiation from the light source inside the product to the sensor varies depending on the CO₂ concentration.
- **Indoor ventilation standard**
Japan's Ministry of Health, Labour, and Welfare has indicated that it is effective to check if the CO₂ concentration does not exceed 1,000 ppm as a standard for air

Installation example

