

CO2 Measurement Indicator

KCD-PL100-CO2



● Features

- Simple, portable measuring indicator
- Built-in battery for charging
Continuous use time after fully charging
is Depending on the current
consumption of the connected sensor,
It may be different.
- Dot matrix type graphic LCD
- English support

● Usage

- portable measuring instrument

● Components

- PL100 measurement indicator
- CO2 sensor (KCD-HS100)
- USB cable for charging (C-type)
- Storage bag

■ Standard

■ Measurement specifications	connection sensor	CO2 Sensor (KCD-HS)
	Display language	English
■ General specifications	storage temperature	-20 ~ 80°C
	Operating environment	0 ~ 50°C, ~95%RH (Non-conclusion conditions)
	Display function	Dot matrix type graphic LCD
■ Interface	Setting function	6 button switches
	Power	Lithium polymer rechargeable battery (3.7V, 1,000mAh)
■ electrical specifications	Charging method	USB charge (C- Type, DC5V)
	Size	91mm x 178 mm x H42mm
■ Size	Weight	270g

■ Size

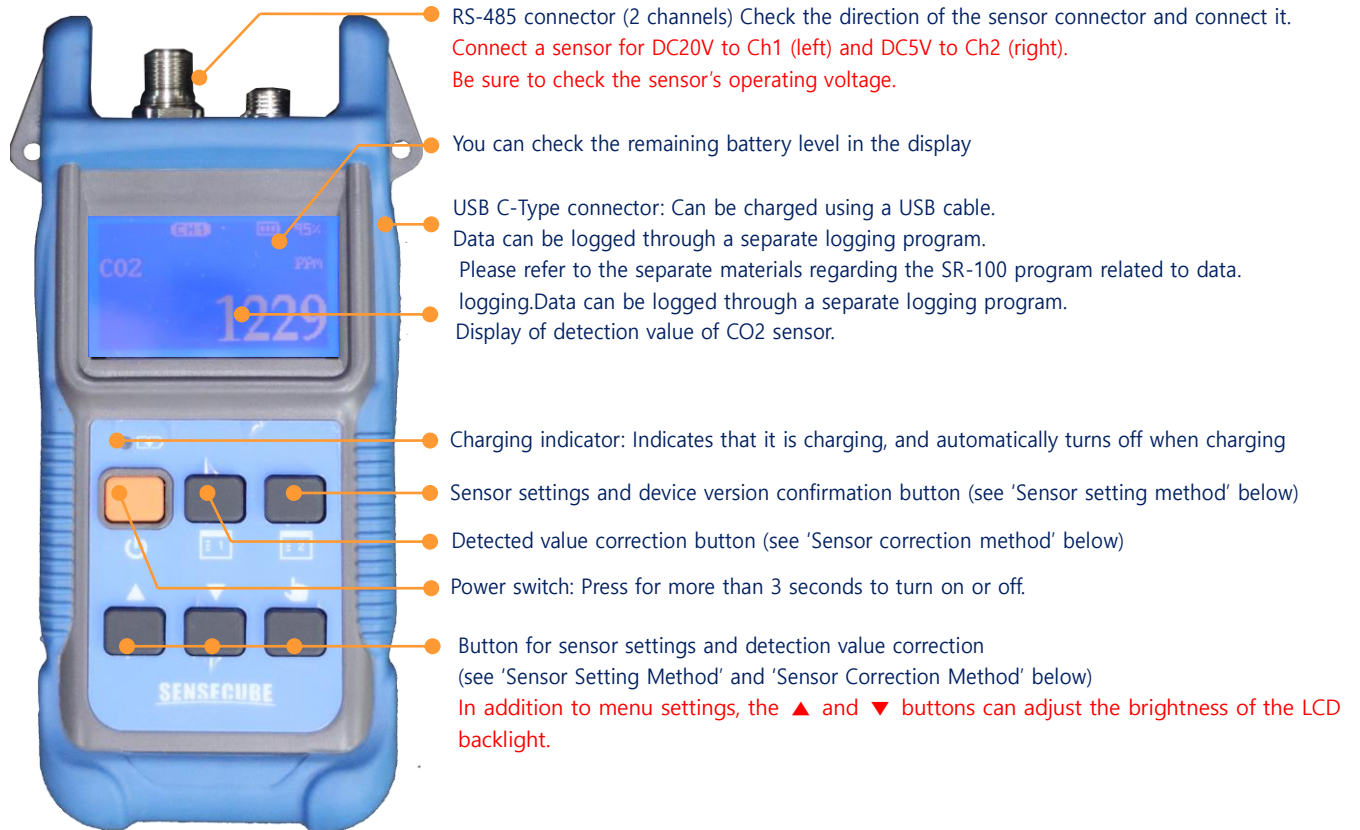


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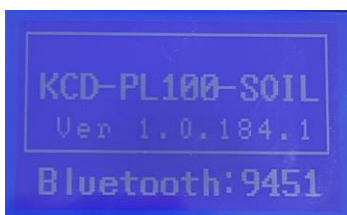
CO2 Measurement Indicator

User's Guide

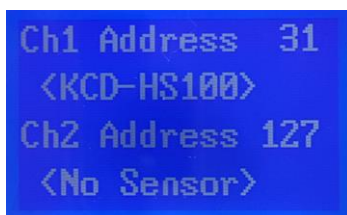
Names and functions of each part



LCD display



If you press the switch for more than 3 seconds, the screen turns on.
The screen displays the device firmware version.

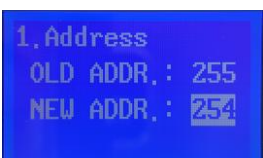
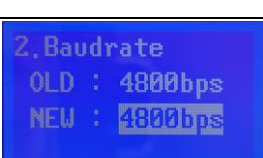


After a while, the sensor information connected to the connector channel is displayed as shown in the picture below. Information such as the detection value of the connected sensor and battery charging status is displayed.

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● How to check and change sensor settings

	Screen	Explanation	Key
1. Sensor connection	 		Press the button. press and select 1. CONNECTION and select to enter. Press or to select the expected communication speed and then press to automatically search and connect. The communication speed must have been confirmed and set at the time from the factory. If the detected value is not displayed due to sensor change or communication speed mismatch, change and check. press the button when moving to the upper menu.
2. Address change	 	OLD ADDR : Current setting value NEW ADDR : Setting value after change	Press button Press and select 2.SETTING menu, and then select 1.Address to enter by press button . When you reach the desired address, by press or to save it. If you do not press within a certain period of time, the screen switches to the display screen.
3. Baudrate change		OLD ADDR : Current setting value NEW ADDR : Setting value after change	Press button . Press and select 2.SETTING menu, and then select 2. Baudrate to enter by press button . When you reach the desired communication speed, by press or to save it. If you do not press within a certain period of time, the screen switches to the display screen.
4. Version check		Check firmware information	Press button Press and select 3. DEVICE INFO, and then press button to check. The screen automatically switches to the display screen after a certain period of time.
5. LCD Brightness control		LCD Backlight brightness control	It can adjust the brightness LCD by , button. Be aware that making it brighter can increase battery consumption.

● Note

For sensor characteristics and precautions related to the connected sensor, please refer to the data for the sensor.