THERMOMETER

PCE-CMM 8-ICA



- **Traffic light function when the limit value is exceeded**
- **Touch display with lighting**
- **Numerical display of the CO2 measured value**
- **Progress display for °C, r.h., CO2**
- **USB supply**
- **Maintenance-free NDIR CO2 sensor**

With the CO2 meter you can ensure the right climate in your office. In addition to the CO2 content of the air, the CO2 meter measures the relative humidity and room temperature. The CO2 meter shows carbon dioxide concentrations up to 9999 ppm, temperatures from -10... 50 °C, and relative humidity values from 20 ... 95%. On the 3.5" display of the CO2 meter, the corresponding values can be read off directly, and the color of the CO2 display changes to provide an objective statement about the quality of the room air based on the CO2 content. This makes it particularly easy to assess the indoor air quality using the CO2 meter. For these reasons, the CO2 meter is particularly suitable for offices, schools, public buildings or hospitals, and in general for all buildings and rooms in which people are present.

The CO2 meter displays the measured values numerically and graphically on the touchscreen. Operation is intuitive. The menu structure is simple and user friendly.

Specification

CO^2	
Measuring range	0 ... 9999 ppm
Resolution	1 ppm
Accuracy	±75 ppm or ±5 % v.Mw. (the higher value applies)
Relative humidity	
Measuring range	20 ... 95 % RH
Resolution	1 % RH
Accuracy	±5 % RH
Temperature	
Measuring range	-10 ... +50 °C
Resolution	0,1 °C
Accuracy	±1 C°

General technical data	
Display type	LC touch display
Display size	3,5 Inch
Storage medium	Internal memory
Memory information	Data is stored for up to 7 days and displayed on the computer via USB cable.
Interface	USB
Sensor	NDIR
Alarm	optical, Acoustic
Menu language	English, German, French, Italian, Spanish, Portuguese, Polish, Russian, Czech, Swedish, Slovenian
Protection class (device)	IP21
Power supply	5V DC
Connector type	Device-europlug
Operating conditions	1 ... 85 °C , 20 ... 85 % RH
Storage conditions	1 ... 85 °C , 20 ... 85 % RH
Dimensions (L x W x H)	96 x 86 x 32,5 mm
Weight	200 g