

ENVIRONMENTAL METER

PCE-PH 28L-ICA



- » **LC display**
- » **1, 2 or 3-point calibration**
- » **Long plastic electrode**
- » **Exchangeable pH electrode**
- » **Automatic temperature compensation**
- » **For small sample volumes**
- » **incl. ISO-Calibration Certificate**

The environmental meter is equipped with a flat electrode membrane. The pH electrode of the environmental meter is installed in a shaft. So you can measure with the environmental meter samples of viscous media in test tubes. This feature allows the environmental meter to use very small amounts of liquids to determine the pH. The environmental meter can be used in small batches in beakers or test tubes. As a result, the environmental meter can be used not only in the field but also in the laboratory with very small sample volumes.

In addition to the pH value, the environmental meter also measures the temperature of the measuring medium. With the temperature reading, the environmental meter automatically performs the temperature compensation. Calibration of the environmental meter is carried out using buffer solutions at pH 4, 7 or 10. The scope of delivery includes calibration powders which can be used for initial commissioning.

Specification

pH	
Measuring range	-1 ... +15 pH
Resolution	0,01 pH
Accuracy	±0.01 pH
Temperature	
Measuring range	0 ... 60 °C
Resolution	0,1 °C
Accuracy	1
Temperature	
Measuring range	32 ... 140 °F
Resolution	0,18 °F
Accuracy	±1.8 °F
Electrode	
Shank material	Plastic
Shank length	75 mm
Shank diameter	14 mm

General technical data	
Measuring functions	HOLD
Temperature compensation	0 ... 60°C / 32 ... 140°F, automatic
Automatic power-off	8 min
Number of calibration points	3
Menu language	English, English (GB)
Protection class (device)	IP20
(Rechargeable) battery	2 x 1,5 V AAA battery , Alkali-manganese
Capacity	1200 mAh
Operating conditions	0 ... 60 °C , 0 ... 80 % RH
Storage conditions	0 ... 60 °C , 0 ... 80 % RH
Dimensions (L x W x H)	280 x 40 x 40 mm
Weight	100 g