

PH METER

PCE-PH 14



- » displays pH value and temperature
- » HOLD function
- » red display at pH<3.5 or pH>11.5
- » automatic 3-point calibration
- » automatic power off
- » automatic temperature compensation
- » temperature display (°C, °F)
- » LC colour display 1.6 inch

Our pH meter is a precise pH and temperature meter with replaceable electrode and automatic temperature compensation. The pH meter has a hold function for freezing the current measured value and a temperature display in °C and °F.

The measurement ranges of the device for the pH value are 0 ... 14 pH with a resolution of 0.01 pH and for temperature 0 ... 60 °C or 32 ... 140 °F with a resolution of 0.1 °C/°F. The automatic calibration ensures reliable measurement accuracy, while automatic power off after 10 minutes of inactivity extends the battery life. The pH meter is compact, user-friendly and shows pH and temperature values simultaneously on the LCD colour screen. The charge status of the integrated lithium battery is also displayed.

These features make the pH meter ideal for applications in industry, agriculture, research, medicine and environmental protection. The scope of delivery includes 3 calibration solutions, the storage solution for refilling and a micro USB cable for charging the battery.

Specification

pH	
Measurement range up to	0 ... 14 pH
Resolution	0,01 pH
Accuracy	±0.05 pH
Electrode	
Application	Aqueous non-corrosive media
Reference electrolyte	Potassium chloride
Shank material	Glass
Shank length	35 mm
Shank diameter	19,5 mm
Temperature	
Measurement range up to	0 ... 60 °C
Resolution	0,1 °C
Accuracy	±1 °C
Temperature	
Measurement range up to	32 ... 140 °F
Resolution	0,1 °F
Accuracy	±1 °F

General technical data	
Measuring functions	HOLD
Temperature compensation	automatic: 0 ... 60 °C
Display type	LC colour display
Display size	1,6 Inch
Automatic power-off	10 min
Number of calibration points	3
Menu language	English, English (GB)
Protection class (device)	IP67
Power supply	5 V
Capacity	600 mAh
Operating conditions	0 ... 60 °C , 0 ... 85 % RH
Storage conditions	0 ... 60 °C , 20 ... 85 % RH
Dimensions (L x W x D)	190 x 190 x 43 mm
Weight	120 g