

Multifunction pH Meter PCE-PHD 1-PH



PCE-PHD 1-PH pH Meter

Includes a pH electrode and a temperature sensor

This pH Meter is a portable, easy-to-use measuring device with multiple capabilities for inspecting water quality. Offering extraordinary precision at an affordable price, the Multifunction pH Meter is used for laboratory and in situ testing of the pH value, redox, conductivity, salt content, oxygen level and temperature of water. Three-point calibration and automatic temperature compensation guarantee a high level of accuracy even with variable temperature measurements.

The pH meter is supplied with both a pH electrode and a temperature sensor. Additional electrodes are available for purchase separately, as is an optional mains adapter for power and a software kit with an RS-232 cable. The pH meter acts as a real-time data logger. All values can be stored directly on the included SD card in Microsoft Excel format or transferred to a PC by means of the RS-232 port. Thus, no additional software is required for evaluation of the data.

- ▶ Automatic calibration
- ▶ Low battery indication
- ▶ Adjustable measurement rate
- ▶ Manual or automatic temperature compensation
- ▶ Compatibility with SD cards up to 16 GB
- ▶ **pH** electrode and **temperature** sensor included
- ▶ BNC connector

Specifications

pH measurement

Measurement range	0 ... 14.0 pH
Resolution	0.01 pH
Accuracy	±0.02 pH + 2 digits
Calibration	3 points (pH 4, pH 7, and pH 10)
Temperature compensation	Automatic with additional temperature sensor (0 ... 60 °C / 32 °F ... 140 °F) or manual (0 ... 100 °C / 32 °F ... 212 °F)

Temperature

Measurement range	0 ... 60 °C / 32 °F ... 140 °F
Resolution	0.1 °C
Accuracy	±0.8 °C
Temperature compensation	Automatic (0 ... 60 °C / 32 °F ... 140 °F)

General specifications

Measurement rate	1 second up to 8 hrs 59 mins 59 secs
Display	LCD 52 x 38 mm / 2 x 1.5"
Memory	SD card up to 16 GB (2 GB card included)
Interface	RS-232
Software	Optional
Power supply	6 x 1.5 V AA batteries (optional power adapter)
Operating conditions	0 ... +50 °C / < 85 % RH
Dimensions	177 x 68 x 45 mm / 7.0 x 2.7 x 1.8"
Weight	490 g / 1.1 lbs

More information

Manual



More product info



Similar products



Subject to change