

pH Meter PCE-PH 23



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Simple digital pH meter for quick check of liquids / Manual temperature compensation / Exchangeable pH electrode / Calibration function / ABS housing, IP67 protected

The waterproof Digital pH Meter PCE-PH 23 is used for rapid fluid analysis. The Digital pH Meter offers the possibility to determine the temperature and the pH value. The operation of the Digital pH Meter PCE-PH 23 is done via the four buttons on the front. The probe installed in the Digital pH Meter can be exchanged easily by loosening the fixing ring from the device and only removing the probe.

Due to the waterproof and robust ABS housing (IP67), the Digital pH Meter can also be used under harsh environmental conditions. The recalibration of the Digital pH Meter ensures permanent high accuracy and is very easy to perform using the optionally available calibration sets (automatic calibration function without calibration screws).

- ▶ Graphic display
- ▶ 1-, 2- or 3-point calibration
- ▶ Four front panel buttons
- ▶ Memory (Save & Recall)
- ▶ Exchangeable pH electrode
- ▶ Waterproof ABS housing
- ▶ Compact and robust measuring instrument
- ▶ With belt clip

Subject to change

Specifications

Measuring range pH measurement	0.00 ... 14.00 pH
Resolution pH measurement	0.01 pH
Measuring accuracy pH measurement	± 0.02 pH ± 1 digit
Buffer detection pH measurement	pH 7.00, 4.01, 10.01 or pH 6.86, 4.00, 9.18
Temperature compensation pH measurement	Automatically 0.0 ... 99.9°C / 32 ... 211.8°F
Buffer detection Temperature measuring range	0.0 ... 60°C / 32 ... 140°F
Offset detection pH electrode	± 90 mV at pH 7.00 ± 98.3 mV / -81.7 mV at pH 6.86
Slope pH electrode	± 30% at pH 4.00, 4.01, 9.18, and 10.01
input resistance	> 1012 Ω

Technical Specification for Digital pH Meter PCE-PH 23: Temperature measurement

Measuring range temperature	0.0 ... 99.9°C / 32 ... 211.8°F
Resolution temperature	0.1°C / 0.18°F
Measuring accuracy temperature	± 0.3°C / 0.5°F
Temperature sensor	Thermistor, 10 kΩ at 25°C
Temperature unit	°C°F, default

General technical specification for the Digital pH Meter PCE-PH 23

Power supply	4 x LR44
Lifespan batteries	200 hours
Operating temperature	0.0 ... 50.0°C / 32 ... 122°F
Display	98 x 64 pixels, graphic LCD
Casing	ABS, IP67
Weight	107 g / < 1 lb

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