

Environmental Meter PCE-228LIQ



PCE-228LIQ Environmental meter

For pH value, redox and temperature / Large, easy-to-read display /SD card memory (1 ... 16 GB), stored data is saved as an Excel file / RS-232 interface and optional software for direct transfer to the PC

The environmental meter PCE-228 is a very easy-to-use pH / mV / °C / °F handheld instrument. The pH value and the temperature can be stored directly on the SD card (Excel file) or transferred directly from the environmental meter to a PC via the RS-232 interface. For this we optionally offer a software and the suitable RS-232 interface cable as an accessory. Temperature compensation is either manual or automatic via the supplied temperature sensor.

All this allows a fast and reliable pH measurement. The environmental meter has a three-point calibration, which is performed automatically. It can be determined with the combination meter, the pH, the temperature or the REDOX potential (ORP). For the latter measurement parameters, however, a REDOX electrode must also be ordered. Here we recommend the ORP electrode ORP-14. The environmental meter is battery operated (6 x 1.5V batteries are included).

- ▶ Optimum price / performance ratio
- ▶ SD card memory (1 ... 16 GB)
- ▶ The stored data are saved directly as an Excel file on the SD card (no software needed for evaluation)
- ▶ RS-232 interface for online Data Transfer
- ▶ Measures pH, ORP & pH. Temperature
- ▶ High accuracy
- ▶ Large LCD display
- ▶ Robust housing
- ▶ Incl. PH electrode PE-03 and stainless steel temperature probe
- ▶ Automatic calibration
- ▶ Manual or automatic temperature compensation
- ▶ BNC connector
- ▶ Suitable for laboratory and on-site pH measurement
- ▶ Additional REDOX electrode
- ▶ Adjustable measuring rate
- ▶ Easy to operate

Subject to change

Specifications

Measuring range pH	0.00 ... 14.00 pH
Resolution	0.01 pH
Accuracy	± (0.02 pH + 2d)
Measuring range redox	-1999 ... 0 ... 1999 mV (only possible with optional REDOX electrode)
Resolution	1 mV
Accuracy	± (0.5% + 2d)
Measuring range temperature	0 ... 65°C / 32 ... 149°F (only temp. Sensor)
Resolution	0.1°C / 0.18°F
Accuracy (@ 20°C)	± 0.5°C / 0.9°F
Calibration	Automatic three-point calibration
Temperature Compensation	Automatically from 0 ... 65°C / 32 ... 149°F or manually between 0 ... 100°C / 32 ... 212°F with the temperature sensor removed
Electrode	pH electrode for eg beer, blood and milk products / BNC plug
Temperature range	0 ... 60°C / 32 ... 140°F
Measuring rate	Adjustable from 1 second to 8 hours 59 minutes 59 seconds
Display	LC display 52 x 38 mm / 2 x 1.5 in
Data storage	Flexible via SD card memory 1 ... 16 GB
Interface	RS-232
Software	Optional
Power supply	6 x 1.5V AA batteries / 9V power adapter (optional)
Environmental conditions	0 ... 50°C / 32 ... 122°F max. 85% rh
Dimensions	177 x 68 x 45 mm / 7 x 2.7 x 1.8 in
Weight	490 g / 1.1 lbs

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