

Environmental Meter PCE-228SLUR



PCE-228SLUR Environmental meter

For pH, 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 via the RS-232 interface directly from the environmental meter to a PC. 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 powered (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

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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 / 68°F) | ± 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 PCE-PH-SLUR for sludge and earth / 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 |

More information

Manual



Video



More product info



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