

PCE-228 pH meter
measures pH, Redox and temperature with RS-232 interface and optional software

The PCE-228 pH meter is an easy to use handheld device for measuring pH, mV and °C. With this pH meter the pH and temperature readings can be transferred directly to a computer by way of an RS-232 interface. Software and an RS-232 cable are available as optional accessories. Temperature compensation can be done manually or automatically by way of the temperature sensor which is included. The pH meter has two calibration points, that can be done with the trimmer on the side of the device, protected under a cover. With this combined device, the user can determine pH value, temperature or Redox potency (ORP). For this last measurement parameter, a Redox electrode must be ordered separately.

- Good relation between price and quality
- RS-232 interface for data transfer
- Measures, conductivity and temperature
- Highly accurate
- Includes PE-03 pH electrode and stainless steel temperature sensor
- Manual calibration
- Automatic temperature compensation (via the temperature sensor)
- BNC connection
- Suitable for taking readings in laboratories and in the work place
- optional REDOX electrode



PCE-228 pH meter with PE-03 pH electrode

Contents

PCE-228 pH meter, PE-03 pH electrode, temperature sensor and user's manual
-batteries not included!

| Technical specifications | |
|---------------------------------|--|
| Measurement range | 0.00 to 14.00 pH |
| | -1999 to 0 to 1999 mV (only with the optional Redox electrode) |
| | 0.0 to 100.0 °C |
| Resolution | 0.01 pH |
| | 1 mV |
| | 0.1 °C |
| Accuracy (at 20 °C) | ±0.02 pH |
| | ±0.5 mV |
| | ±0.5 °C |
| Calibration | manual calibration of two points with trimmer |
| Temperature compensation | automatic from 0 to 65 °C or manual between 0 and 100 °C removing the temperature sensor |
| Electrode | PE-03 pH electrode packed with gel, 1m cable and BNC connector |
| Interface | RS-232 |
| Software | optional |
| Power | 9V battery |
| Operating conditions | 0 to 50 °C max. 80% r.h. |
| Dimensions | 195 x 68 x 30mm |
| Weight | 250g |