

# pH Meter PCE-228-MSR100 incl. Magnetic Stirrer PCE-MSR 100



**pH Meter PCE-228-MSR100 incl. Magnetic Stirrer PCE-MSR 100**

The magnetic stirrer **PCE-MSR 100** is ideal for optimally mixing fluids, consisting of various components, with the most different number of revolutions and guaranteeing excellent results. Magnetic stirrers allow you to whisk liquids in both open and closed containers. For example, the magnetic stirrer can be worked with substances that require isolation from the environment. The simple geometry of the stirring fish, the magnetic stirrer PCE-MSR 100 also facilitates the cleaning considerably. To get the little magnet back out of the mixing container, use a long plastic-coated magnetic rod called a stir-fishing rod.

The pH 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 pH 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.

## **Magnetic stirrer PCE-MSR 100**

- ▶ Max. Stirring quantity: 2 liters
- ▶ Speed range: 0 ... 1250 rpm. Adjustable
- ▶ Compact design
- ▶ Easy to use

## **pH meter PCE-228**

- ▶ Optimum price / performance ratio
- ▶ SD card memory (1 ... 16 GB)
- ▶ The stored data are stored directly stored as an Excel file on the SD card(no software needed for evaluation)
- ▶ RS-232 interface for online data transmission
- ▶ Measures pH value, redox, etc. Temperature
- ▶ High accuracy
- ▶ Large LCD display
- ▶ Robust housing
- ▶ Incl. PH electrode PE-03 and stainless steel temperature sensor
- ▶ 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

## pH meter PCE-228

Measuring range pH	0.00 ... 14.00 pH
Resolution	0.01 pH
Accuracy	± (0.02 pH + 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 Automatically from 0 ... 65°C / 32... 149°F or manually between 0 ... 100°C / 32 ... 212°F with the temperature sensor removed
Temperature compensation	
Electrode	PE-03 pH electrode, gel filled, 1m cable and BNC plug
Temperature range	0 ... 60°C / 32 ... 149°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 ... 16GB
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

## Magnetic stirrers PCE-MSR100

Stirring	1
Stirring quantity max. per stirring point (H <sub>2</sub> O)	2 l
Stirring quantity max. (H <sub>2</sub> O)	2 l
Speed range	0-1250 rpm
Stirring bar length max.	30 mm / 1.2 in
Footprint dimensions	Ø 145 mm / 5.7 in
Dimensions	Ø 185 x 75 mm / 7.3 x 3 in
Weight	0.6 kg / 1.3 lbs
Stirring fish dimension	Ø 7 x 30 mm / .3 x 1.2 in
Permissible ambient temperature range	20 ... 60°C / 68 ... 140°F
Permitted relative humidity	80%
Power supply	220V / 50Hz

# More information

Manual



Manual



Video



More product info



Similar products



Subject to change