

# Environmental Meter PCE-PH20S



## Environmental Meter for soil

**Easy to use, for determining the pH value of soil, with external pH electrode, can be recalibrated and is water resistant (IP 67)**

The environmental meter for soil has been developed with the purpose of finding an effective method for directly determining the pH value of soil. With the help of this environmental meter, it is possible to quickly and accurately measure the pH value of soil or a sample taken from the soil. To do this, simply insert the electrode into the **previously loosened soil** and read the pH value on the digital display.

Please, take into account that the first measurement requires that there is humidity in the soil. The device is always pre-calibrated by the manufacturer. The environmental meter can be constantly recalibrated using the calibration solutions that come with the device. Calibration data remains stored in the device even when the batteries have been changed. If you would like to carry out a measurement according to DIN or if you can not penetrate deep enough into the soil due to soil hardness, then you should prepare a DIN soil solution and use it for the exact measurement.

**\*\*Care must be taken when inserting probe to not break it\*\***

- ▶ Water resistant (IP 67)
- ▶ External electrode with cable
- ▶ Highly accurate
- ▶ Auto shut-off to protect battery life
- ▶ Calibration solutions are included in the order

# Specifications

Measurement range	0.00 to 14.00pH
Resolution	0.01pH
Accuracy	±0.07pH (between 5 and 9pH)
	±0.1pH (from 4 to 4.9 and 9.1 to 10pH)
	±0.2pH (from 1 to 3.9 and 10 to 13pH)
Calibration	automatic, depending on the calibration solution pH value of 4, 7 or 10
Electrode	pH electrode with glass casing
Power	4 AAA batteries
Operating conditions	0 to 60 °C / 32 °F to 140 °F <80% r.h.
Dimensions	180 mm x 40 mm
	7.1 in x 1.6 in
Weight	220 g / 0.58 lbs

Subject to change