

AQUARIUM PH METER

PCE-PH20-ICA



- » **Waterproof (IP 67)**
- » **Special external measuring electrode on cable**
- » **High accuracy**
- » **Auto-power-off for battery conservation**
- » **Supplied with calibration solutions**
- » **Data hold function**
- » **Easy-to-read digital display**
- » **Easy to use**
- » **incl. ISO-Calibration Certificate**

PCE-PH20 easy-to-use pH meter for pH determination
The pH meter was developed to directly determine the pH in aqueous media or water based solutions. The waterproof pH tester PCE-PH20 is used for the fast and accurate measurement of pH. The practical display makes the pH value on the pH meter easy to read. Due to the waterproof and robust housing (IP 67), the pH value tester can also be used under difficult conditions. A recalibration always guarantees optimum accuracy and is very easy to perform using the optionally available calibration kits (automatic calibration function without calibration screws - to be performed only via the keyboard).

Water quality in aquariums is extremely important for the living organisms that inhabit it. Slight changes in pH level and temperature may lead to aggravating results and even death of the fishes or reptiles in the water tank. Therefore, application of the appropriate pH meter is required.

Specification

pH	
Measuring range	0 ... 14 pH
Resolution	0,01 pH
Accuracy	±0.07 pH (within range 5 ... 9 pH) / ±0.1 pH (within ranges 4 ... 4.9 and 9.1 ... 10 pH) / ±0.2 pH (within ranges 1 ... 3.9 and 10 ... 13 pH)
Electrode	
Designation	PE-03
Measuring range	0 ... 13 pH
Temperature range	5 ... 60 °C
Application	Aqueous media
reference system	Ag/AgCl
Reference electrolyte	3M Potassium Chloride
Shank material	Epoxid
Shank length	160 mm
Shank diameter	12 mm
Cable length	1 m
Connection	BNC

General technical data	
Measuring functions	HOLD
Display type	LCD
Display size	1,35 in
Automatic power-off	10 min
Number of calibration points	3
Calibration	Automatically, at pH 4, pH 7, pH 10 using calibration solutions
Protection class (device)	IP67
(Rechargeable) battery	4 x 1,5 V AAA battery , Alkali-manganese
Capacity	1200 mAh
Operating conditions	0 ... 60 °C , 0 ... 80 % RH
Storage conditions	0 ... 60 °C , 0 ... 80 % RH
Dimensions (L x W x H)	180 x 40 x 32 mm
Weight	220 g