PH METER

PCE-PH20P-ICA



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

The main purpose of cosmetics production is not only to make pleasantly scented products with good-sounding names and lists of beneficial ingredients, but to make them efficient so that these products really improve the condition of the skin or hair and in no way damage them.

The pH meter measurement in cosmetics is a priority test that should be performed not only to ensure the consistency of the pH of the product with the pH of the skin, but also to ensure good quality, suitable viscosity, color / odor and to ensure durability of the cosmetics.

A too acidic or too alkaline medium in, for example, shampoo can, for example, lead to a disorder and cause scalp problems.

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	IJ-44C
Measuring range	0 ... 14 pH
Temperature range	0 ... 60 °C
Application	Cosmetics, waste water
reference system	Ag/AgCl
Reference electrolyte	Saturated KCl gel
Shank material	Plastic
Shank length	150 mm
Shank diameter	12 mm
Cable length	1 m
Connection	BNC

General technical data	
Measuring functions	HOLD
Display type	LCD
Display size	1,35 Inch
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