WINE PH METER

PCE-PH20WINE



- **Waterproof (IP 67)**
- **Special external measuring electrode for wine and beer**
- **High accuracy**
- **Auto-power-off for battery saver**
- **Supplied with calibration solutions**
- **Data hold function**

The pH meter was developed to directly determine the pH value in aqueous media such as wine or beer. Furthermore, the pH meter can also be used for other media with a low conductivity. The waterproof pH tester 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 tester can also be used under difficult conditions. Recalibration always guarantees optimum accuracy and is very easy to perform using the optionally available calibration kits (automatic calibration function without calibration screws - only to be performed via the keyboard).

Information about the instrument

In the production of wine, the pH value is a key indicator for the winemaker. This is because the taste, tolerability and other properties of the wine are strongly dependent on its pH value. The pH value indicates how acidic or basic an aqueous solution such as that in the grape or the wine itself is. This wine pH meter was specially developed to quickly and easily determine the pH value of wine. However, the pH meter can also be used for other aqueous solutions such as beer. In quality control, precise testing of the pH value is a decisive factor.

The waterproof, pen-shaped wine pH meter with its special, external measuring electrode for wine is used for exact measurement of the pH value. The wine pH meter from PCE is particularly characterised by its high accuracy.

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	PCE-PH-WINE
Measuring range	0 ... 14 pH
Temperature range	0 ... 100 °C
Application	pH electrode especially for wine, beer and other liquids with low conductivity
reference system	AgCl (silver chloride)
Reference electrolyte	Potassium chloride
Shank material	Glass
Shank length	120 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