SALT METER

PCE-PWT 10



- **smallest measuring range up to 20 µS/cm**
- **compact design**
- **automatic temperature compensation**
- **salinity measurement**
- **internal three-point calibration**
- **changeable electrode**

Salt Meter PCE-PWT 10
The salt meter is a good solution for anyone who wants to check the conductivity of ultrapure water. This salt meteris a compact device with an integrated temperature sensor for optimum temperature compensation. Among other things, the salt meterhas a very low measuring range of only 0 ... 20 µS / cm.

Furthermore, the salt meter is able to accurately determine the salinity of liquids. The salt meterhas an automatic temperature compensation in the range of 0 ... 60 ° C. The calibration of the salt meteris carried out via a three-point calibration.

Drinking water testing by a salt meter
Water that is usually supplied into the taps for human consumption is transparent and reminds a usual liquid. Though, sometimes, the consumers may notice a strong unpleasant smell, strange metal aftertaste, the change in color or water qualities, when the soap seems to be impossible to wash off the hands and vice versa, when the soap does not lather at all, sometimes water gets a sediment if some amount of it is left still in a glass for a few days or the kettle gets a white limescale just after a few days of exploitation. All these may be the indications that the water has not gone through the correct treatment process and has not been filtered and purified appropriately. Before we get water in the pipes of our households, it undergoes a serious process, during which it should be checked and devoid of any substances that might have negative impact on the health.

Specification

Conductivity	
Measuring range	0 ... 20 µS/cm
Resolution	0,01 µS/cm
Accuracy	±1% FS
Conductivity	
Measuring range	0 ... 200 µS/cm
Resolution	0,1 µS/cm
Accuracy	±1% FS
Conductivity	
Measuring range	0 ... 2000 µS/cm
Resolution	1 µS/cm
Accuracy	±1% FS
Conductivity	
Measuring range	0 ... 20 mS/cm
Accuracy	±1% FS
Salinity	
Measuring range	0 ... 10 ppt
Resolution	0,01 ppt
Accuracy	±1 % FS
Temperature	
Measuring range	0 ... 60 °C
Resolution	0,1 °C
Accuracy	±1 °C
Temperature	
Measuring range	32 ... 140 °F
Resolution	0,1 °F
Accuracy	±1.8 °F

General technical data	
Measuring functions	HOLD
Temperature compensation	0 to 60°C / 32 to 140°F, automatically
Display type	LCD
Display size	1 Inch
Automatic power-off	8 min
Calibration	Temperature: 1 point, measured value ±10°C Conductivity: 1 ... 3 points, with 84 µS/cm / 1413 µS/cm / 12.88 mS/cm
Menu language	English, English (GB)
Protection class (device)	IP54
(Rechargeable) battery	2 x 1,5 V AAA battery , Alkali-manganese
Capacity	1200 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 % RH
Storage conditions	0 ... 60 °C , 0 ... 80 % RH
Dimensions (L x W x H)	185 x 40 x 40 mm
Weight	100 g

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