



PHMETER-THERMOMETER APW-PHT

PONSEL
Water under your control

PORTABLE PHMETER- THERMOMETER

Simple, robust and reliable ! That's the recipe PONSEL has been applying for 50 years.

The portable pHmeter PONSEL offers a great measuring accuracy thanks to the quality of its electrode pH PONSEL. For more than 50 years, Ponsel has manufactured its pH glass according to a quite particular process. The result is obtaining universal glass which covers all pH range from 0 to 14.

An independent temperature probe allows to measure the temperature and to compensate automatically the pH value. The temperature probe is fixed on the protection belt of the pH probe.



Electrode pH and Temperature probe (separate) : standard with 3 meters of cable



Protection Electrode



pH buffer



Watertight



Robust

SPECIFICATIONS

Power supply : 1 x 9V battery - 1000 Hours life time.

Electronic box : Protection IP 67

Dimensions : (h x w x d) : 161 x 81 x 55 mm **Weight** : 400 g

Material : reinforced polyester with hinged IP67 transparent cover.

Display : LCD display 3 ½ digit. 18 x 46 mm.

Operating temperatures : from - 10.0 to +50.0°C

Measured parameter : pH and T°C

Measurement range : from 0.00 to 14.00 pH and 0.0 to 50.0°C

Accuracy : **pH** : 0,5% of displayed value ± 1 digit

Temperature : ± 1 °C ± 1 digit

Options : Analog output

PH SENSOR

Process : Combined electrodes. Reference : Ag/AgCl

Electrolyte KCL 3M on Plastogel support gelled.

Connection with the medium by diaphragm with side hole.

Material : Delrin, Glass, Silicone, PVC - IP68

Dimensions : Diameter 20.5 mm - Length 130 mm

Weight : 70 g

Cable : Coaxial armoured, sheathed PVC, seal with the sensor
3 m standard length. (up to 10 m on request). 40 g / m.

TEMPERATURE SENSOR

Diode silicium

Material : Delrin, Inox , Silicone - IP68

Dimensions : Diameter 20 mm (mantle) – Diameter 3 mm (sensor)
Length 115 mm

Weight : 40 g

Cable : 3 m standard length. (up to 10 m on request). 20 g / m.