

A portable meter with full laboratory specification

Combined Waterproof pH/Conductivity/TDS Meter

This all-purpose meter is suitable for use in the field under all weather conditions. It is equally suitable for laboratory use. The meter can be used to measure pH, conductivity, TDS and temperature in all aqueous samples. It is possible to adjust the normalisation temperature, temperature coefficient and TDS factor which means that this instrument is equally suited for research use and specialist applications.

The Palintest Waterproof 800 meter (rated IP67) is supplied in a soft carrying pouch complete with a doublejunction pH electrode and a combined conductivity/TDS probe with temperature sensor. A combined pH/temperature electrode is available as an optional extra. All probes and electrodes are plug-in for easy replacement.

This combined meter offers users a high specification waterproof instrument at a very economical price in comparison to purchasing separate splash-proof instruments.



Technical Specifications

pH Range	0.00 to 14.00
Resolution	0.01 pH
Accuracy	± 0.01 pH
Conductivity Range	0 to 19.99, 199.9, 1999 µS/cm; 19.99, 199.9 mS/cm
TDS Range	0 to 9.99, 99.9, 999 ppm; 9.99, 99.9, 199.9 ppt (depending on factor setting)
Resolution & Accuracy	0.05% Full Scale & ± 1% Full Scale or ± 1Digit
Temperature Range	0.0 to 100.0 °C; 32.0 to 212 °F
Resolution & Accuracy	0.1 °C/°F & ± 0.3 °C (0.5 °F) ATC Yes (0 to 80 °C)
Normalisation Temperature	25°C (Selectable 15 to 30 °C)
Temperature Coefficient	2.1% (Selectable (0.0 to 10.0%/°C))
TDS Factor	0.67 (Selectable (0.40 to 1.00))

Ordering Information

- PT 146 **Combined pH/Conductivity/TDS Meter**
- PT 110/B **pH Electrode**
- PT 146/1 **Conductivity/TDS probe**
- PT 146/2 **Combined pH/Temperature Electrode**
- PT 146/3 **Separate Temperature Probe**
- PT 105/5 **Buffer Pack pH 4, 7 and 10**
- PT 105/8 **Buffer Pack pH 7**
- PT 105/4 **Electrode Care Pack**
- PT 142/2 **Conductivity/TDS Solution – High Range**
- PT 142/3 **Conductivity/TDS Solution – Medium Range**
- PT 142/4 **Conductivity/TDS Solution – Low Range**

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