

# Photometer 7100

The entry-level multiparameter Photometer in the range, the 7100 is simple to use, robust in construction and designed for on-site analysis. The 7100 provides dependable results to enable decisions on water quality to be made instantly and with confidence.

- Simple operation with automatic setup for each test. Designed for Palintest reagent systems in Tablet form or liquid based Tubetests reagents with its adaptive cell holder
- Rapid access to frequently used tests from a choice of over 100 parameters/methods



PTR7100 / PTH7100



Tablet reagents



Tubetests reagents

## Technical Specification

<b>Instrument Type</b>	Dual light source photometer offering direct-reading of pre-programmed test calibrations, Absorbance and Transmittance
<b>Wavelengths</b>	450nm, 500nm, 550nm, 570nm, 600nm, 650nm
<b>Accuracy</b>	±1.0% T
<b>Display</b>	320 x 240 pixel LCD with backlight and contrast adjustment
<b>User Interface</b>	On screen prompts available in English, French, Spanish, Italian and German
<b>Size (W x L x H) and weight</b>	150 x 250 x 70 mm, 975 g
<b>Power Supply</b>	3 x 1.5v 'AA' batteries (typically 40 hours)
<b>Memory Capacity</b>	Up to 100 data sets

## Ordering Information

### PTR 7100

#### Photometer 7100 Benchtop Kit

Instrument, 10 glass cuvettes, dilution tube/sample container, cuvette brush, 10 crush/stirring rods, lint free cloths, instrument instructions, Palintest method book. Supplied in a transit carton for shipping protection.



### PTH 7100

#### Photometer 7100 Standard Kit

Instrument and light cap, 8 glass cuvettes, dilution tube/sample container, 10ml syringe, test tube brush, 10 crush/stirring rods, lint free cloths, instrument instructions, Palintest method book. Supplied in a hard case.



# Photometer Accessories

<b>PT 802</b>	Photometer 8000 Check Standards. Supplied in a storage case with certificate
<b>PT 804</b>	Photometer 7100/7500 Check Standards. Supplied in a storage case with certificate
<b>PT 595/5</b>	Photometer Cuvettes (x5) - glass, with caps. 20 mm OD, 77 mm tall with 10ml graduation
<b>PT 524/5</b>	Round Test Tubes for Photometer, 10 ml plastic (pack of 5)
<b>PT 502</b>	Crush/Stirring Rods - Pack of 10 crush/stirring rods
<b>PT 503</b>	Nessler Tubes, 50 ml, glass (pair)
<b>PT 641</b>	Measuring Cylinder, plastic, 10 ml
<b>PT 530</b>	P/P 250 ml Graduated Bottle
<b>PT 512</b>	Sample Container/Dilution Tube
<b>PT 516</b>	Wash Bottle, 250 ml
<b>PT 518</b>	Wash Bottle (for Deionised Water)
<b>PT 519</b>	Sample Container, 50/10 ml plastic bottle
<b>PT 526</b>	Sample Container, 20/10 ml plastic tube
<b>PT 500</b>	De-Ion Pack (makes approx 5 litres Deionised Water)
<b>PT 1250</b>	Deionised Water, 500ml
<b>PT 105 (/1 /2 /3)</b>	pH Buffer Solution, 500ml (pH 4 - PT 105/1), (pH 7 - PT 105/3), (pH 10 - PT 105/2)
<b>PT 745</b>	USB Power Supply Unit
<b>PT 746</b>	USB Photometer-Computer/PSU Cable
<b>PT (361 / 362 / 365)</b>	Plastic Syringe (1 ml - PT 361), (2 ml - PT 362), (5 ml - PT 365), (10 ml - PT 369)
<b>PT (370 / 372)</b>	Plastic Syringe, Luer fitting (20 ml - PT 370), (50 ml - PT 372)
<b>PT 375</b>	Dilution Syringe, x 10/100 (for use with PT 512)
<b>PT 376</b>	Dilution Syringe, x 100/1000 (for use with PT 512)
<b>PT 606</b>	Filter Holder, Luer, 2.5 cm dia
<b>PT 605</b>	Filter 0.45µm membrane, 2.5 cm dia (Box of 50)
<b>PT 603</b>	Filter Paper, GF/B, 2.5 cm dia (Pack of 50)
<b>PT 607</b>	Filter Funnel, 7 cm diameter, plastic
<b>PT 618</b>	Filter Paper, No 40, 11 cm diameter (100 Circles)