

# Photometer 8000

Designed for the laboratory, the Photometer 8000 is a sophisticated, yet easy to use, multiparameter photometer. The 8000 has multiple options for customisation including storing tests by user name, ensuring minimal operator setup and leading to efficient analysis times.

- Touch Screen operation with intuitive menu driven selections
- Advanced optics emulates the performance of rotating the sample tube under test without using any moving parts. Barcode recognition for Tubetests reagents



PT8000 / PT1800CASE



Touch screen interface



USB data transfer



Tablet reagents



Tubetests reagents

## Technical Specification

|                                    |  |
|------------------------------------|--|
| <b>Instrument Type</b>             | Split beam colorimeter offering direct-reading of pre-programmed test calibrations, Absorbance and Transmittance |
| <b>Wavelengths</b>                 | 450nm, 500nm, 550nm, 570nm, 600nm, 650nm   |
| <b>Accuracy</b>                    | ±0.8% T  |
| <b>Display</b>                     | 320 x 240 pixel LCD with touchscreen & optional backlight  |
| <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> | 290 x 240 x 90 mm, 975 g   |
| <b>Power Supply</b>                | 9V adaptor (supplied) or 8 x 1.5V (AA) batteries   |
| <b>Connectivity</b>                | RS232 or USB connection  |
| <b>User Defined Methods</b>        | Up to 50 additional methods  |
| <b>Memory Capacity</b>             | Up to 1000 data sets   |

## Ordering Information

### PT 800

#### Photometer 8000 Benchtop Kit

Instrument and light cap, universal mains power supply, RS-232 cable, USB cable/RS-232 converter, 8 'AA' batteries, 10 cuvettes, instrument instruction manual, Palintest System method book. Supplied in a transit case for shipping protection.



### PT 800CASE

#### Photometer 8000 Engineers Kit

Instrument and light cap, universal mains power supply, USB cable/RS-232 converter, 8 'AA' batteries, 2 dilution tubes, 4 cuvettes, test tube brush, 10 crush/stir rods, 20ml syringe with Luer fitting, dilution syringe 10/100, De-ion pack, GFB filter pack, Luer filter holder, 4 reagent transport packs (no reagents), instrument instruction manual, method book. Supplied in an IP67 hard case.



## Photometer Reagents

See the full list of tablet and liquid reagents that are pre-programmed on Palintest multiparameter Photometers.

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