



# RIEILE

## Photometer 680

REF 680009

- Single-beam filter photometer with automatic filter wheel for 340 nm and 390 nm to 800 nm
- Photometric system for round and rectangular cuvettes
- Reagent-open system with high capacity for programmable methods
- Teach-in capability for reagent applications via touchscreen
- Future-proof operating system can easily be upgraded



**RIELE**

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# Photometer 680

**Type**

Single-beam filter photometer with filter wheel

**Light Source**

LED with long lifetime

**Wavelength**

340 nm and 390 nm to 800 nm

**Wavelength Selection**

9-position automatic interference filter wheel

**Photometric Range**

0 - 3.0 A

**Cuvette System**

Round cuvette (16 mm diameter)  
Rectangular cuvettes (5 mm – 50 mm)

**Operator Interface**

Touchscreen for direct functions and alphanumerical inputs

**Data Presentation**

Graphic display: white characters or symbols, blue background, lighted, resolution 240 x 128 dots

**Languages**

English and French / German / Spanish /  
Indonesian / Russian / Polish

**Memory**

- General operating software can be updated by PC
- Reagent-open system with capacity for up to 231 programmable methods
- Data import by touchscreen or PC
- Up to 50 nonlinear calibration curves with max 20 sets of points can be stored

**Signal Port**

Serial port for connection to an external printer and/or PC

**Data Logging**

Up to 1000 results can be saved in the memory automatically

**Measurement Procedures**

- Absorbance
- End point with factor, standard or multiple standards, with or without reagent blank and/or sample blank
- Turbidimetry with optional timer function
- Single, double and triple determinations
- Curve fitting for nonlinear standard curves

**Quality Control**

Up to 50 methods can be controlled with two control serums, Levey Jennings plot

**Mains Supply**

Input: 100 V<sub>AC</sub> upto 240 V<sub>AC</sub> at 50/60 Hz  
Output: 12 V<sub>DC</sub>, 3 A<sub>DC</sub>  
Driving with 12 V<sub>DC</sub> (car-)battery is possible

**Dimensions**

Length 22 cm x width 23 cm x height 8 cm

**Weight**

1.4 Kg

**Marking**