



RIEILE

Photometer 680

REF 680006

- Single-beam filter photometer with automatic filter wheel for 340 nm and 390 nm to 800 nm
- Photometric system for standard 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

Normal standard cuvette (macro or semi-micro, disposable or special optical glass)

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_{AC} upto 240 V_{AC} at 50/60 Hz

Output: 12 V_{DC}, 3 A_{DC}

Driving with 12 V_{DC} (car-)battery is possible

Dimensions

Length 22 cm x width 23 cm x height 8 cm

Weight

1.4 Kg

Marking