



# RIEILE

## Photometer 10

- Singlebeam-Spectralline-Filterphotometer for one wavelength
- Photometric system for standard cuvettes or round cuvettes
- Handy design
- Battery or mains operation
- Interface to the EDP
- Suitable for barcode reader
- Future-proof operating system





# Photometer 10

**Type**

Single-beam filter photometer

**Light Source**

LED

**Wavelength**

450 nm - 650 nm

**Wavelength Selection**

Single interference filter, e.g. 546 nm

**Photometric Range**

0 - 2.5 A or

0.5 - 10.0 McFarland units

**Please note:** Photometer 10 is also available as a densitometer for turbidity measurements of e.g. bacterial suspensions

**Cuvette System**

Normal standard cuvette: macro, disposable or special optical glass or round cuvette (13 mm - 14 mm diameter)

**Operator Interface**

Touchscreen for direct functions and alphanumeric inputs

**Data Presentation**

Graphic display: white characters or symbols, blue background, lighted, resolution 128 x 64 dots

**Languages**

English and French / German / Spanish

**Memory**

- General operating software can be updated by PC
- Data import by touchscreen or PC

**Signal Port**

- USB serial port for connection to a PC
- RS232 connector for connecting a barcode reader for an easy management of sample identities

**Data Logging**

Up to 1000 results can be saved in the memory automatically

**Measurement Procedures**

- Absorbance
- Turbidity

**Power Supply**

Input: 100 VAC up to 240 VAC at 50/60 Hz

Output: 12 VDC / 1 ADC

or 4 x AA batteries

**Dimensions**

Length 18cm x width 13 cm x height 7 cm

**Weight**

0.5 kg

**Marking**