

photoLab® S6 and S12 – measure instantly and precisely!

The photoLab® Filter Photometers S6/S12 offer laboratory precision in combination with the greatest speed. This is particularly advantageous in routine operations for water analysis:

- **Multilevel AQA/IQC**
- **Automatic cuvette recognition**
- **Barcode recognition for all cuvette types**



photoLab® S12 and S6

Open cover, insert cuvette, read measurement immediately!

Speed and precision come from the filter technology used with reference beam technology. In connection with coded round and rectangular cuvette tests, a highly efficient and cost-effective measurement is possible for all requirements. The set wavelengths via highly precise filters provides a mechanical and therefore practically maintenance-free measurement instrument:

- AutoCheck for greater stability and precision
- Automatic cuvette recognition for *all* cuvette sizes used
- Automatic test recognition via barcodes for round *and* rectangular cuvette tests
- Automatic measurement activation
- **Analytic Quality Assurance AQA/IQC:**
- Large selection of programmed test kits: from easy round cuvette tests to cost-effective reagent tests



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Parameters

Multi-parameter

pH

ORP

ISE

Dissolved Oxygen

Conductivity

pCOD/Respiration

Photometry

Turbidity

Software, Documentation

photoLab® S6

Filter photometers with 6 wavelengths for all current routine determinations with round cuvettes in wastewater and drinking water analytics, but also in training.

The instrument is therefore uncomplicated and easy to operate during:

- Occasional measurements
- The use of round cuvette tests for quick measurement results
- Standard measurements with simpler safeguarding



photoLab® S12

Filter photometers with 12 wavelengths for comprehensive routine measurements in service laboratories. Alongside coded quick test kits (round cuvettes), there are a large number of cost-effective reagent test kits for rectangular cuvettes available. The barcode support is also unique for these test kits in 10 mm, 20 mm and 50 mm rectangular cuvettes. As a result, the lowest concentration ranges can be determined even in drinking water analysis. In addition, 50 custom methods are programmable and kinetic measurements are possible:

The instrument is therefore highly efficient and cost-effective for:

- Routine determinations with a large number of samples
- Measurement of the lowest concentrations
- Custom applications with custom methods

Technical specifications: Filter photometer photoLab® S6/S12

	photoLab® S6 and S6-A	photoLab® S12 and S12-A
Type	Filter photometer	Filter photometer
Photodiode array for	6 wavelengths	12 wavelengths
Wavelengths nm	340, 445, 525, 550, 605, 690	340, 410, 445, 500, 525, 550, 565, 605, 620, 665, 690, 820
Custom methods	-	50
Auto zero adjustment	Yes	Yes
AutoSelect function	Yes	Yes
Cuvette recognition	Yes	Yes
Cuvette type	Round	Round, 10 mm, 20 mm and 50 mm
Data storage and time	500 data sets; with date and time	1000 data sets; with date and time
Essential functions	Concentration, absorption and transmission measurement, AQA/IQC, RS 232 interface	Concentration, absorption and transmission measurement, AQA/IQC, kinetics, RS 232 interface
Battery operation (optional)	1 work day, deep discharge protection, trickle charging with mains operation	1 work day, deep discharge protection, trickle charging with mains operation
Test mark	CE	CE
Guarantee period	2 years	2 years

Order information: Filter photometer photoLab® S6/S12

Model	Description	Order No.
photoLab® S6	Mains version, universal plug (other mains supplies/country variants on request)	250013
photoLab® S6-A	Battery version	250022
photoLab® S12	Mains version, universal plug (other mains supplies/country variants on request)	250024
photoLab® S12-A	Battery version	250026

For additional accessories and cables, see price list or www.WTW.com