

Photometer

photoLab® S12

Photometry



Extended Functions
for AQA/IQC and
50 User-Defined Methods

- 50 User-Defined Methods
- AQA/IQC : Time and measuring intervals
- Kinetics

The photometer for professionals!

All available WTW test kits can be used for measurement in reaction cuvettes for rapid tests or in rectangular cuvettes with higher sensitivity. Apart from tests, the 12 available wavelengths and the underlying reference beam technology permit measurement of kinetics with excellent stability.

Simple and easy operation: lift the cover, insert the cuvette and read the result. The "AutoSelect" function performs all necessary settings and well-laid-out graphics display immediately shows the reading. Automatic recognition of the inserted cuvette.

The optical system has no moving parts to wear out and is supported by state-of-the-art electronics. The cover serves both as dust protection as well as an "on" switch with checking function: When the cover is opened, the instrument switches on and checks the optical system automatically.

photoLab® S12 has 4 function keys which are used to perform repeat measurements for the same parameters, either extinction measurement or **transmittance**, and operator-specific alterations to the basic settings as well as measurement of uncoded cuvettes. In addition to the preprogrammed method data, a maximum of 50 user-defined method data can be entered by using the numerical keyboard.

User-defined methods can also be easily entered using the Multi/ ACHAT II software from WTW which is connected to a PC by means of the AK Labor connection cable. User-defined methods are kept stored even after you have updated methods via download from the WTW home page. You also have the option of printing sample results of 1,000 stored data sets on a serial printer (see *Software and Accessories from page 112*).

For mobile measurements, photoLab® S12 is available as a rechargeable battery version with frequently required short-form analytical procedures for mobile use in the cover.

Parameter

pH

ORP

ISE

Oxygen
(D.O.)

Conductivity

Multi-
parameter

BOD/
Respiration

Photometers

Turbidity

Colony
Counter

Software/
Printers

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