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# Фотометры Global Water

## Технические характеристики



# PHOTOFLEX Portable Photometers

Portable photometers for measuring a wide variety of samples in the field



## Description

The pHotoFlex portable photometers offer decisive advantages for water, wastewater and environmental monitoring. The portable photometers have a bright, easy to read backlit display with auto-off that displays user-friendly on screen guidance for easy operation. The pHotoFlex offers a large selection of test sets to meet most requirements. The portable photometers can have their software and methods updated via the Internet. Integrated pH measurement with automatic temperature compensation makes the pHotoFlex portable photometer much more versatile than standard photometers. The portable photometers can store 100 user-defined routine measurements. The pHotoFlex portable photometers use 4 AA batteries to make approximately 3000 measurements.

## Specifications

Light source	LED
Wavelengths nm	436, 517, 557, 594, 610, 690
User-defined methods	100
Timer	3
Data storage	1000 data sets
pH range	0-16
Turbidity (pHotoFlex Turb)	0-1100 NTU/FNU
Accuracy	Photometry: < 2nm wavelength accuracy, 0.005 abs. reproducibility pH: ±0.01 pH Turbidity (pHotoFlex Turb): 0.01 NTU/FNU or ±2% of the measured value
Auto-zero adjustment/calibration	Photometry: With start of new method pH & turbidity: 3 point
Interface	RS 232, USB via adapter (optional)
Measuring parameters	Photometry, pH Photometry, pH, Turbidity
Power	AA batteries 4x1.5 V, for approx. 3000 measurements
Certifications	cETLus
Warranty	2 years

The pHotoFlex portable photometers are capable of performing a variety of tasks in water, wastewater, and environmental monitoring. The portable photometers feature a highly robust optical system, which is optimally suited for mobile applications under changing conditions. The portable photometer's LEDs plus filters for 6 wavelengths have remarkably low power consumption and deliver accurate measuring results. The intuitive menu guidance of the pHotoFlex allows for smooth operation, even without studying the manual. Dilution functions and timer, ease work in special cases.

## The pHotoFlex smart adapter solution

The pHotoFlex portable photometers feature an ingenious integrated cuvette adapter. Just slide the magnetic lid up on the portable photometers and insert the included 28mm cuvette, or simply flip up the adapter to use any 16mm round cuvette with a height of 91 to 104 mm. This allows the portable photometers the flexibility of several different test sets.

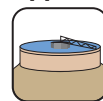
## Features

- Bright, easy to read backlit display
- Large selection of test sets
- Stores 100 user-defined routine measurements
- User-friendly on screen guidance for easy operation

## pH function

The pHotoFlex portable photometers include an integrated pH function with automatic buffer recognition (TEC/NIST) and auto temperature compensation. WTW's MultiCal® provides automatic calibration with up to 3 calibration points. The low-maintenance SenTix® 41 pH electrode is perfect for field use with the pHotoFlex portable photometer.

## Applications



Ideal for wastewater, drinking water, and environmental analysis.

## Ordering & Options

Order No.	Description
pHotoFlex/SET Portable photometer with pH	Includes field case with table insert to hold instrument, stand and cuvettes; pH electrode SenTix® 41 and Pipette KK/VAR5000 with tips, adjustable, 5 ml. Accessories: empty cuvettes 16+28 mm, cleaning tissues, stand, buffer solutions pH 4.01 + 7.00, beaker, screw driver, and PC cable.
pHotoFlex Turb/SET Portable Photometer with pH and Turbidity	Includes field case with table insert to hold instrument, stand and cuvettes; pH electrode SenTix® 41 and Pipette KK/VAR5000 with tips, adjustable, 5 ml. Accessories: empty cuvettes 16+28 mm, calibration kit for turbidity, cleaning tissues, stand, buffer solutions pH 4.01 + 7.00, beaker, screw driver, PC cable.
pHotoFlex Portable Photometer	LED filter photometer with integrated pH functions for field use. Meter only, no electrodes.
pHotoFlex Turb Portable Photometer with Turbidity	LED filter photometer with integrated turbidity measurement and pH functions for field use. Meter only, no electrodes.
FC pHotoFlex Portable Photometer Case	Field case with table insert to hold pHotoFlex®, stand and cuvettes for easy field handling. Additional space to hold accessories and pipette.
SenTix 41 Field pH Meter Electrode	Replacement plastic body electrode w/ auto temp, waterproof connector, and 3.3ft (1m) cable

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