

# PHOTOFLEX Portable Photometers

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



- 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
- Applications Environmental monitoring, water treatment, beverage industry, wine industry, process control, multi-parameter applications for photometry, pH and turbidity.

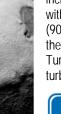
### **Description**

The pHotoFlex portable photometers offer decisive advantages for water, wastewater and environmental monitoring. They 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 photometers can have their software and methods updated via the Internet. Integrated pH measurement with automatic temperature compensation makes the pHotoFlex much more versatile than standard photometers. They can store 100 user-defined routine measurements. The pHotoFlex meters use 4 AA batteries to make approximately 3000 measurements.

The pHotoFlex portable photometers are capable of performing a variety tasks in water, wastewater, and environmental monitoring. The photometers feature a highly robust optical system, which is optimally suited for mobile applications under changing conditions. Their 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.

### pHotoFlex Turb

The pHotoFlex Turb have all the great features of the standard pHotoFlex portable photometer, but also includes an integrated turbidity sensor. The photometer with turbidity sensor uses an infrared (IR) light source for (90) nephelometric turbidity measurement according to the requirements of DIN 27027/ISO 7027. The pHotoFlex Turb can be easily calibrated using the supplied AMCO® turbidity standards.



Contact

needs:

**Global Water** 

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Water Level

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**Water Samplers** 

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# **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

## **Options and Accessories**

**pHotoFlex/SET** Portable photometer with pH Includes field case and accessories.

### pHotoFlex Turb/SET

Portable photometer with pH and turbidity Includes field case and accessories.

#### pHotoFlex

Portable photometer with pH Meter only.

#### pHotoFlex Turb

Portable photometer with pH and turbidity Meter only.

In the U.S. call toll free at 1-800-876-1172 International: 1-979-690-5560 Fax: 1-979-690-0440 Email: globalw@globalw.com Visit our online catalog at: www.globalw.com Our Address: 11390 Amalgam Way Gold River, CA 95670