

**Handheld photometers pHotoFlex series, with / without pH and turbidity measurement****Handheld photometers pHotoFlex® series, with / without pH and turbidity measurement**

Handheld photometers for use in a wide range of areas such as process control, mobile water testing or wine industry. Easy operation with menu driven, user guidance.

- Smart cuvette adapter: holds 28mm or 16mm round cuvettes with height 91 to 104mm; to be used with a variety of different test types
- Optics: LED's with filters, accuracy 2nm
- Available wavelengths: 436 nm, 517 nm, 557 nm, 594 nm, 610 nm and 690 nm
- Concentration, Absorption, Transmission
- Methods can be downloaded from the Internet
- 35 (pHotoFlex® STD) 100 user defined routines
- 100 (pHotoFlex® STD) / 1000 data sets, RS 232 interface
- pH range: pH 0 to 16.00 (± 0.01) for DIN standard combination electrodes
- incl. calibration interval and calibration protocol
- Batteries: 4 button cells

Optional: LabStation with rechargeable battery and power plug, GLP-compliant software LSdata for simplified laboratory evaluation and operation, charging function; accu and power supply separately. LSdata is also available as stand-alone package

- IP code IP 67

**pHotoFlex® STD**

Water Analysis purely w/o pH- and turbidity measurement for standard parameters

pHotoFlex® pH

Just like the standard version of pHotoFlex STD plus full electrochemical pH-and ORP measurement via electrodes. This allows also the measurement of the parameters NH₃ and CO₂.

- pH 0 ... 16,00 ($\pm 0,01$) for Standard-DIN pH-electrodes with automatic temperature compensation ATC and automatic buffer recognition
- Calibration intervall setting and calibration record



-1-3 point calibration

pHotoFlex® Turb:

Generally as pHotoFlex® STD, with additional turbidity measurement:

-IR light source acc. DIN 27027 /ISO 7027

-Measuring range: 0 to 1100 NTU/FNU

-Resolution: 0 to 9.99 NTU: 0.01; 10 to 99 NTU: 0.1; 100 to 1100 NTU: 1NTU

-Accuracy: 0.01 NTU or 2% of measured value

-3 point calibration

-Standard set with traceable AMCO® Standards (0.02 - 10 - 1000 NTU)

Complete pHotoFlex® Sets:

The mobile laboratory: smart with integrated lab table to hold instrument, cuvettes, beaker and stand for pH electrode. Complete sets with:

-pH electrode SenTix 41 with technical buffers

-1 adjustable pipette with 5ml volume for pHotoFlex® models

-Calibration standard kit for pHotoFlex® Turb and Turb® 40 IR/T

pHotoFlex® pH Set:

Field case with pHotoFlex®, table insert, pH electrode Sentix® 41 and stand, TEC buffer, 5ml variable pipette, and accessories, PC cable and LSdata software.

pHotoFlex® Turb Set:

Field case with pHotoFlex® Turb, table insert, pH electrode Sentix® 41 and stand, TEC buffer, 5ml variable pipette, and accessories, PC cable and LSdata software.

Code	Description	Packaging
LLG09923625	Handheld photometers pHotoFlex® series, with / without pH and turbidity measurement, Type pHotoFlex® pH	1 pz.
LLG09923601	Handheld photometers pHotoFlex® series, with / without pH and turbidity measurement, Type pHotoFlex® pH Set	1 pz.
LLG09923624	Handheld photometers pHotoFlex® series, with / without pH and turbidity measurement, Type pHotoFlex® STD	1 pz.



Code	Description	Packaging
LLG09923626	Handheld photometers pHotoFlex® series, with / without pH and turbidity measurement, Type pHotoFlex® Turb	1 pz.
LLG09923602	Handheld photometers pHotoFlex® series, with / without pH and turbidity measurement, Type pHotoFlex® Turb/Set	1 pz.



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