

Water analysis, QC and more:

pHotoFlex®

THE REAL "MULTI" - COLORIMETER

- Standardized and easy-to-use
- Sturdy and waterproof
- Sophisticated and versatile



a xylem brand

SERIES pHoto Flex

Environmental Protection:

STD

Monitoring
Comprehensive Water Analysis



Fish Farming and Surface Water:

pH

Free Ammonia and CO₂



Water, Beverage- and Quality Control:

TURB

The real "Multi" with pH and Turbidity

Accessories ...

... for Lab and on the Go



LabStation
for even more comfort



LSdata-Software for

- GLP-compliant data management
- Programming of user-defined programs



AQA:
pHotoFlex® Check



Field Sets:
the mobile lab



From Ammonia to Zinc:

- More than 150 programs for routine analysis
- Test kits for every demand: from high precisely to easy, fast and economic
- Storage with Identification Number (ID)
- Datafilter for easy selection of data sets

pHotoFlex® STD, plus:

- Electrochemical pH-measurement from pH 0-16.00 (± 0.01) for Standard DIN pH-electrodes
- Automatic Temperature Compensation (ATC)
- Redox Measurement
- 1-3 point calibration with calibration interval setting and calibration protocol

pHotoFlex® pH, plus:

- IR light source acc. to DIN 27027/ISO 7027
- Turbidity measurement range from 0.01-1100 NTU/FNU providing drinking water accuracy
- Longterm stable AMCO Clear Standards with $\pm 1\%$ manufacturing accuracy
- The most versatile colorimeter for field and lab

SERIES pHoto Flex



Sophisticated Cell Compartment:

- ✓ Cannot be lost
- ✓ Variable heights for 16 mm vials
- ✓ 28 mm cells for huge measurement ranges and precise turbidity measurement

Working Smart:

- ✓ Robust and waterproof (IP 67)
- ✓ Working faster at your fingertips
- ✓ Simple selection via favorite list
- ✓ Store with Identification number (ID)
- ✓ Easy data selection and transfer
- ✓ GLP-compliant data management with LSdata



At a glance:

- ✓ Backlit display
- ✓ Intuitive user guidance
- ✓ Test kit measurement range, result, blank value...



<div><div>SERIES</div><div>pHoto Flex</div></div>	STD	pH	Turb
Order-Nr. pHotoFlex® Instrument (SET)	251 105 (251 205)	251 100 (251 200)	251 110 (251 210)
Photometric Measurement	Transmission (%T), Absorption, Concentration		
pH-Measurement (±0.01 pH)/ Redox	-	●	●
Turbidity Measurement IR acc. DIN /ISO	-	-	●
Calibration Intervall /-protocol	-	●	●
Programs	more than 150		
Special programs with pH and Temperature	-	NH ₃ , CO ₂	
User-defined programs via LSdata Software	50	100	
Data Sets (with Identification number ID)	100	1000	
Field Sets with Accessories	optional		
Optics	power saving LED + optical Filters: 436, 517, 557, 594, 610, 690 nm 0.005 Abs reproduceability, < 2 nm wavelength accuracy		
Cell sizes	16 mm round (H:91-104 mm); 28 mm		
Batteries	4 AA for approx. 3000 measurements		
Interface, Update via Internet	RS232 + cable AK 540 B (Accessories)		
LSdata PC Software	included in Sets or indivudal package optional		
Lab use: optional Accessories	LabStation with barcode option via Scanner, incl. recharg. batteries and PC software LSdata, cable		
Recharg. batteries + universal power supply	-	optional	optional
Certificates	CE/ETLus/cETL		