

Xylem WTW PhotoFlex® Colorimeters Continued



Field Sets

Like the single units, but supplied in a field case for use as a mobile lab with a removable work surface and storage compartment. Supplied with PC software LSdata, cable and lots of accessories, such as pipettes and cuvettes and spare batteries.

Code	Alt Ref	Description	Price
WAT5103	251200	pHotoFlex® pH field set	£3388.00
WAT5104	251210	pHotoFlex® Turb field set	£3344.00

Accessories

Code	Alt Ref	Description	Price
WAT5105	902762	LSdata PC software	£308.00
WAT5107	251301	Lab station with LSdata PC software, rechargeable battery and mains adapter	£442.00
WAT5108	251300	Rechargeable battery and universal plug	£197.00



Xylem WTW photoLab® 7000 Spectrophotometers



Combines routine and spectral analysis in one unit. OptRF (Optical Reagent Free) COD, NO₃ and NO₂ functionality is included on the UV-Vis model. OptRF is a new innovation from WTW that allows for the measurement of COD and Nitrate/Nitrite in wastewater without the need for digestion or hazardous reagents. The 7000 series takes over 200 pre-programmed test methods all barcoded to make their use simple along with being able to add.

- With new reference beam optics and a colour display
- Barcode recognition and automatic measurement range adaption for all cuvette sizes
- CIE compliant and other colour measurement options with optional PC software package photoLab® colour and photoLab® Data spectral
- OptRF - reduce cost, reagent usage and hazard with reagent and digestion free COD, Nitrate and Nitrite wastewater measurement
- 5000 measurement values can be stored or ~500 spectra (300 - 900nm)/400 kinetics with 150 measurement values
- 200+ methods for routine analysis with commercial test kits, 1000 user defined or 20 profiles for kinetics and spectra
- Special methods such as NH₃, CO₂, colour, SAC, chlorophyll and selected enzymatic test including glucose
- Suitable for onsite use and equipped with comfortable matrix adjustment for IQ Sensor Net with IQ-LabLink®

Specifications	
Optics	Grid monochromator with step motor and reference beam, 4nm bandwidth
Measurement/Programming	Concentration, absorbance, % transmission, kinetics and spectra in abs or % transmission, multiwavelengths and multistep readings
Scan Speed, nm/min	700 - 2000 [scans in 1, 2, 5, 10nm steps of wavelength range]
Wavelength Accuracy, nm	±1
Wavelength Reproducibility, nm	<0.5
Interface	1 USB-A, 1 USB-B, 1 Ethernet
Dims, w x d x h, mm	404 x 314 x 197

Code	Alt Ref	Description	Wavelength Range, nm	Lamp	Price
WAT5109	250203	PhotoLab® 7100 Vis	320 - 1100	Tungsten-halogen	£4387.00
WAT5110	250204	PhotoLab® 7600 UV Vis	190 - 1100	Xenon flashlamp	£6118.00