Lightwave 3+ Colour Touch

⠿WPA Spectrophotometers

FEATURES & BENEFITS

- Wavelength Range: 190 to 1100 nm

- Fast and easy to use wavelength scanning, kinetics, single or multiple wavelength reading, standard curve and absorbance ratio capability

- 5 inch colour touch screen with zoom and track function

- Accepts up to 40 mm pathlength cuvette for sensitivity in analysis of dilute solutions

- 2 year warranty

The Lightwave 3+ Colour Touch is truly an all-encompassing UV/Visible Spectrophotometer.

Originally designed for water analysis, the Lightwave spectrophotometers are now used in laboratories around the world for life sciences and chemical analysis as well as rigorous industrial and environmental quality control and monitoring applications.

Now with a colour touch screen control panel, this compact and robust instrument is perfect for the most demanding laboratories.

BioServ

SPECIFICATIONS

Technical

Wavelength Range	190 to 1100 nm
Monochromator	Flat grating
Wavelength Calibration	Automatic upon switch on
Beam Height	15 mm
Spectral Bandwidth	3 nm
Wavelength Accuracy	±2 nm
Wavelength Reproducibility	±1 nm
Light Sources	Xenon flash lamp
Detector	Twin CMOS array
Photometric Range	-0.300 to 2.500 A, 0.3 to 199 %T
Photometric Linearity	±1.3 % or ±0.008 A whichever is greater at 546 nm
Photometric Reproducibility	±0.002 A to 0.5 A at 546 nm
Stray Light	<0.5 %T 340 nm
Stability	±0.01 A/h at 340 nm
Noise	±0.005 peak to peak ±0.002 RMS

Software

Applications	
General Laboratory:	Single wavelength Multi wavelength Concentration Standard curve Wavelength scanning Kinetics Absorbance ratio
Digital Output	USB flash drive, PC via PVC software, Optional Bluetooth
Data Export	USB flash drive: .tsv, native PVC format PC via PVC: .csv, .emf, .xlsx, .xls, .rtf, .tsv, native PVC format
Method Storage	90 with PIN number protection
Graphical Display	Colour touch screen, zoom and track
Sample ID	Yes
Languages	English, German, French, Spanish, Italian, Japanese, Chinese
Dimensions	260 × 390 × 100 mm
Weight	3.00 kg

ORDERING INFORMATION

Part Number	Description
80-3007-67	WPA Lightwave 3+ CT
80-3007-68	WPA Lightwave 3+ CT with Printer
80-3007-69	WPA Lightwave 3+ CT with Bluetooth
80-3007-70	WPA Lightwave 3+ CT with Printer and Bluetooth

For further information, please contact your local Biochrom Sales Representative or Distribution Partner.

CONTACT BIOCHROM

BioServ

77, avenue de Champagne - 91420 MORANGIS
Tél. : 01 60 19 69 29 - info@bioserv.fr - www.bioserv.fr