

Spectrophotometers, scanning, models 7310 and 7315



These advanced spectrophotometers introduce scanning, kinetics and quantitation to the range. The 7310 and 7315 have the additional feature of an easy access USB port which enables results and methods to be saved directly to USB memory stick. Enhanced security features also prevent unauthorised changes to the instrument settings and method parameters. The 7310 and 7315 spectrophotometers are ideal for routine testing in clinical, veterinary, pharmaceutical and QC laboratories.

- Press to read xenon lamp (7315)
- Icon driven software
- Small footprint
- Autologging capabilities
- Save methods and results to USB memory stick
- GLP settings including real time and date and user ID
- Free PC software
- 3 year warranty including xenon lamp
- Extensive range of accessories available



SP/25070

Technical Specification	7310	7315
Wavelength Range	320 to 1000nm	198 to 1000nm
Wavelength Resolution	1nm	
Wavelength Accuracy	±2nm	
Spectral Bandwidth	5nm	
Absorbance Range	-0.300 to 2.500A	
Transmittance Range	0 to 199.9%T	
Photometric Accuracy	±1%T, ±0.01A at 1.000 Absorbance	
Concentration/Quantitation Range	-300 to 9999	
Resolution	Selectable 1/0.1/0.01/0.001	
Concentration Units	no units, %, ppm, EBC, SRM, mEq/l, mEq, M, mM, μM, nM, U, U/l, U/ml, g/l, mg/l, μg/l, ng/l, g/dl, mg/dl, μg/dl, mg/ml, ng/ml, μg/μl, ng/μl, mol/l, mmol/l	
Concentration Calibration	Blank with a single standard or factor	
Quantitation Calibration	Blank with up to 6 standards	
Kinetics Display	Graphical & calculated concentration value	
Kinetics Calibration	Blank with a single standard or factor	
Spectrum Scan Data Interval	1, 2 or 5nm	
GLP	Real time clock & calendar, operator ID	
Light Source	Tungsten halogen	Xenon lamp
Outputs	Analogue, RS232, Internal printer	
Size (WxDxH) /Weight	275 X 400 X 220mm / 6kg	

Cat. No.	Code	Description
SP/25060	731 001	Spectrophotometer model 7310 Visible scanning
SP/25070	731 501	Spectrophotometer model 7315 UV/Visible scanning

73 Series Spectrophotometer Accessories

Cat. No.	Code	Description
SP/25030	012 075	Tungsten halogen lamp
SP/25290	730 545	Xenon lamp module
SP/25292	735 001	Dust cover
SP/25640	660 101	Internal printer (packed)
PH/25520	037 702	Paper roll for thermal printer
SP/25294	735 401	8 cell automatic turret
SP/25296	735 201	Sipper pump
SP/25298	735 301	Peltier
SP/25300	735 701	Sipper/Peltier pump
SP/25302	630 204	10 x10mm path length cuvette holder
SP/25304	637 071	Test tube holder (accepts 10mm square cuvettes, 16 and 24mm diameter test tubes)
SP/25024	630 005	10 to 100mm adjustable path length cuvette holder
SP/25306	630 304	Micro-cuvette holder with reduced aperture
SP/25308	736 201	Water heated 10x10 single cell holder
SP/25310	735 601	Boiling tube holder
SP/25312	019 146	2GB USB memory sticks for external memory