Key Features

- Spectrum scanning across entire range from 198 to 1000nm
- 5nm spectral bandwidth
- Press to read xenon lamp
- Icon driven software
- Small footprint
- Autologging capabilities
- Internal method storage
- Save results and methods to USB memory stick
- 3 year warranty including xenon lamp

7315

Part code: 731 501

7315

UV/Visible Scanning Spectrophotometer

The 7315 spectrophotometer uses icon driven software and has an improved navigation system for easy and intuitive usability. This instrument is an advanced spectrophotometer with measurement modes for photometrics, concentration, spectrum scanning, quantitation and kinetics. This model will meet the demands of a wide range of applications especially those in clinical, veterinary, environmental and general QC laboratories.

Technical Specification

Wavelength	
Range	198 to 1000nm
Resolution	1nm
Accuracy	±2nm
Spectral Bandwidth	5nm
Photometrics	
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
Factor	0.001 to 10000
Standard	0.001 to 1000
Concentration Calibration	Blank with a single standard or factor
Quantitation Calibration	Blank with up to 6 standards
Quantitation Curve Fit	Quadratic, quadratic through zero, linear, linear through zero, interpolate
Kinetics	
Measurement time	2 to 9999 seconds
Kinetics Calibration	Blank with a single standard or factor
Resolution	Selectable 1/0.1/0.01/0.001
Kinetics Display	Graphical and concentration value
Analysis	Concentration, rate of change, initial and final absorbance or %transmittance
Spectrum	
Scan Interval	1, 2 or 5nm
Analysis	Absorbance or %transmittance and peak and valleys
Other	
Method storage	240
Results storage	Limited by USB memory stick
GLP	Real time clock & calendar, operator ID
Light Source	Xenon lamp
Outputs	USB, Analogue, RS232, Internal printer
Size (w x d x h), mm	275 x 400 x 220
Weight, kg	6

Ordering Information