

## uniSPEC series

A range of inexpensive, single-beam, UV-visible spectrophotometers suitable for pharmaceutical, biochemical and clinical laboratory applications, Quality Control routines and higher education.

Model	uniSPEC 2	uniSPEC 4
Wavelength range	nm 190 to 1100	190 to 1100
Bandwidth	nm 2	1.8
Wavelength accuracy	nm $\pm 0.5$	$\pm 0.3$
Wavelength repeatability	nm $\pm 0.3$	$\pm 0.2$
Wavelength setting	Automatic - both models	
Photometric accuracy	%T $\pm 0.5$	$\pm 0.3$
Photometric repeatability	%T $\pm 0.3$	$\pm 0.2$
<b>Photometric ranges</b>		
Absorbance, A	-0.3 to 3 - both models	
Transmission, %T	0 to 200 - both models	
Concentration, C	0 to 9999 - both models	
Stability	At hour at 500nm $\pm 0.002$ - both models	
Straylight	%T $\leq 0.1$	$\leq 0.05$ (at 220nm, 360nm)
Measurement modes	Kinetics, scanning, quantitative analysis, multi-wavelength, DNA/protein analysis	Kinetics, scanning, quantitative analysis, multi-wavelength, DNA/protein analysis, date/time stamp
Optical system	Single-beam; grating 1200 lines per mm; silicone photodiode detector - both models	
Scanning speed	nm/minute 1 to 1000 - both models	
Scanning interval increments,	nm 0.1, 0.2, 0.5, 1, 2, 5 - both models	
Data storage memory	200 calibration curves - both models	
Outputs	USB, parallel printer - both models	
Dimensions, H x W x D	mm 225 x 460 x 360 - both models	
Weight	kg 18 - both models	

### uniSPEC spectrophotometers

As described. With software CD allowing complete control of the instrument from the user's P.C., manual 4-position cell changer to hold 10mm pathlength cells and instruction manual. For 110V 60Hz or 220V 50Hz single phase supplies.

**SJ258-30** Model uniSPEC 2

**SJ258-45** Model uniSPEC 4



SJ258-30



SJ258-45