

Spectrophotometers

Models 7300/7305/7310/7315

JENWAY

- ◆ Choice of ranges:
 - Model 7300 Visible, range 320 to 1000nm
 - Model 7305 UV, range 198 to 1000nm
 - Model 7310 Scanning Visible, range 320 to 1000nm, Quantitation and Kinetics modes
 - Model 7315 Scanning UV, range 198 to 1000nm, Quantitation and Kinetics modes
- ◆ Models 7310 and 7315 are GLP compliant, with logging of time, date and user i.d., instrument and method locks, 240 method memory storage
- ◆ 5nm spectral bandwidth
- ◆ Sealed control panel and display built into hinged lid to avoid splashes and spillages when sample loading
- ◆ Analogue and RS232 outputs provided (models 7310 and 7315 additionally have front positioned, USB ports, for use with USB memory sticks)
- ◆ Large, graphics display with icon-driven, (non-textual) operation using soft-key navigation
- ◆ Compact design minimises bench space required
- ◆ Accessory printer-module available

Catalogue No.		SJ372-25	SJ372-35	SJ372-45	SJ372-55
Model		7300	7305	7310	7315
Wavelength range	nm	320 to 1000	198 to 1000	320 to 1000	198 to 1000
Bandwidth	nm	5 — all models			
Wavelength accuracy	nm	±2 — all models			
Light source		Tungsten-halogen	Pulsed Xenon	Tungsten-halogen	Pulsed Xenon
Repeatability	nm	±0.5 — all models			
Photometric ranges	Transmittance	0 to 199.9% x 0.1% resolution ±1% accuracy — all models			
	Absorbance	-0.300 to 2.500A x 1A resolution ±0.1 accuracy (at 1.00) — all models			
Concentration modes	range	—	—	-300 to 9999 — both models	
	resolution	—	—	selectable 1/0.1/0.01/0.001 — both models	
	calibration	—	—	blank and 1 factor/standard — both models	
	factor	—	—	1 to 10000 — both models	
	standard	—	—	1 to 1000 — both models	
Quantitation modes	range	—	—	-300 to 9999 — both models	
	resolution	—	—	selectable 1/0.1/0.01/0.001 — both models	
	calibration	—	—	blank and up to 6 standards — both models	
	curve fit	—	—	Quadratic, linear (and through zero), interpolate — both models	
Kinetics modes	time, secs	—	—	2 to 9999 — both models	
	calibration	—	—	blank and 1 factor/standard — both models	
	resolution	—	—	selectable 1/0.1/0.01/1 — both models	
	analysis	—	—	conc. rate of change, initial and final abs. or % trans. — both models	
Scanning modes	interval, nm	—	—	selectable 1/2/5 — both models	
	analysis	—	—	ABS, %T, peak, and valleys — both models	
Outputs		Analogue, RS232 — all models			
Dimensions H x W x D	mm	220 x 275 x 400 — all models			
Weight	kg	6 — all models			

Spectrophotometers 73 series, Jenway

As described. Supplied with 10mm cell holder, 100 x 10mm disposable cuvettes, downloading/analysis software CD-ROM, interface cable and instructions (Models 7310 and 7315 are also supplied with a 2GB USB memory stick). With universal power supply for 100-240V 50/60Hz single phase supplies.

SJ372-25 Model 7300

SJ372-35 Model 7305

SJ372-45 Model 7310

SJ372-55 Model 7315

Spares

SJ364-05 Tungsten-halogen lamp for SJ372-25/-45

SJ373-14 Xenon lamp module for SJ372-35/-55

CT102-05 Cuvettes, 10mm, pack of 100

Accessories

SJ364-18 Cell holder, adjustable, for 20 to 100mm cells

Cell holder for 10mm square cuvettes, and 10mm, 16mm and 24mm diameter vials.

SJ364-36 Cell holder, 10mm cuvette

SJ377-94 Internal printer module



SJ372-55 in use with accessories