

Spectrophotometers

Models 6300/6320D/6305



- ◆ Choice of ranges:
Models 6300/6320D Visible, range 320 to 1000nm
Model 6305 UV/Visible, range 198 to 1000nm
- ◆ Microprocessor controlled, menu driven operation
- ◆ High resolution graphics, liquid crystal display
- ◆ Dual display mode gives continuous readout of selected wavelength and results
- ◆ Sealed optical system is protected from degradation by harsh environments

Catalogue No.	SJ360-10	SJ360-20	SJ360-40
Model	6300	6320D	6305
Wavelength range	nm 320 to 1000	320 to 1000	198 to 1000
Bandwidth	nm 8	8	6 (range 198 to 319nm) 8 (range 320 to 1000nm)
Wavelength accuracy	nm ±2	±2	±2
Photometric accuracy	% ±1	±1	±1
Straylight	%T <0.5	<0.5	<0.5
Operating modes	0 to 199.9% T (transmission) — all models -0.300 to 1.999 Abs (absorption units) — all models -300 to 1999 C (concentration) — all models 0 to 999.9, 1000 to 9999 Factor — all models		
Photometric noise levels	% <1	<1	<1A at 0A and 400nm
Photometric stability	1% per hour after 20 min. warm up	1% per hour after 20 min. warm up	<2A/hour after 30 min. warm up
Outputs	Analogue 0 to 1999mV, RS232 serial port — all models		
Light source	Tungsten-halogen	Tungsten-halogen	Xenon
Display	Custom liquid crystal — all models		
Dimensions H x W x D	mm 160 x 365 x 272 — all models		
Weight	kg 6 — all models		

Spectrophotometers 6300/6320D/6305, Jenway

As described. Supplied with single 10mm cell holder, 100 x 10mm disposable cuvettes and instructions. Model 6320D additionally has a dome shaped lid to accommodate test tubes with a height of up to 105mm. For 230V 50Hz single phase supplies.

- SJ360-10** 6300 Visible
- SJ360-20** 6320D Visible
- SJ360-40** 6305 UV/Visible

Spares

- SJ364-05** Tungsten-halogen lamp for SJ360-10 and SJ360-20
- SJ364-06** Xenon lamp module for SJ360-40
- SJ364-09** Cell holder for 10mm cells
- CS780-14** Square cuvettes, optical glass, 10mm path length
- CS780-32** Rectangular cuvettes, optical glass, 50mm path length
- 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 16mm and 24mm diameter vials.
- SJ364-36** Cell holder, 10mm cuvette
- Impact printer, 40 column, with connecting cable, rechargeable batteries and charger. A 220-240V 50Hz supply is required for the charger.
- CU656-20** Impact printer
- CU656-22** Paper roll for CU656-20



SJ360-20



SJ360-40 in use, SJ360-10 is similar