

Spectrophotometers

M100 Series Camspec

Simple, robust, single beam spectrophotometers offering high performance at a competitive price level.

- ◆ Digital setting within the visible light range
- ◆ Easy operation with dial filter adjustment (except M108 which has motorised adjustment) and membrane keypad setting, ideal for teaching applications
- ◆ Excellent instrument stability and accuracy
- ◆ Push-button, auto-zero setting
- ◆ M108 additionally has memory storage of up to 200 results

Catalogue No.		SJ220-10	SJ220-25	SJ230-80
Model		M105	M106	M108
Wavelength range	nm	330 to 1000 – both models		325 to 1000
Bandpass	nm	12	8	4
Wavelength accuracy (repeatability)	nm	±2 (±1 digit) – all models		
Straylight (at 340nm)	%T	<0.3 – both models		0.1
Operating modes	Absorbance, A	0 to 2	0 to 2	-1 to 2.5
	Transmission, %T	0 to 125	0 to 125	0 to 125
	Concentration, C	—	0 to 1999	-9999 to +9999
	Factor, F	—	0 to 1999	0 to +9999
Photometric accuracy	%A	±1 (0 to 1A)	±1 (0 to 2A)	±1 (0 to 2A)
Sample capability		10mm square cuvettes or 10, 20, 25mm dia. test tubes – both models		4 to 10mm square cuvettes, up to 50mm using accessories
Light source		Tungsten-halogen lamp – all models		
Outputs		Analogue	RS232	USB
Dimensions H x W x D	mm	185 x 408 x 308 – both models		210 x 420 x 510
Weight	kg	6 – both models		12

Spectrophotometers, M105, M106

As described. Supplied with single 10mm diameter test tube holder, 10mm square cuvette adapter, dust cover, user manual, mains lead and box of 12 x 10mm diameter test tubes. For 115V, 230V 50/60Hz single phase supplies.

SJ220-10 Model M105

SJ220-25 Model M106

Spectrophotometer, M108

As described. Supplied with manually operated cell changer to hold 4 x 10mm square cuvettes, USB port, dust cover, user manual, mains lead, 2 x 10mm silica and 4 x 10mm glass square cuvettes. For 115V, 230V 50/60Hz single phase supplies.

SJ230-80 Model M108

Accessories for M105 and M106 models

SJ223-20 Holder for 20mm dia. test tubes

SJ223-30 Holder for 25mm dia. test tubes

Accessories for M108

SJ232-10 4-position cell changer for longpath cells up to 50mm pathlength

SJ232-40 Thermostatted cell holder (requires connection to circulator/bath)

Spare lamps for all models

SJ232-80 Tungsten-halogen lamps, pack of 2



SJ220-10, SJ220-25 is similar



SJ230-80