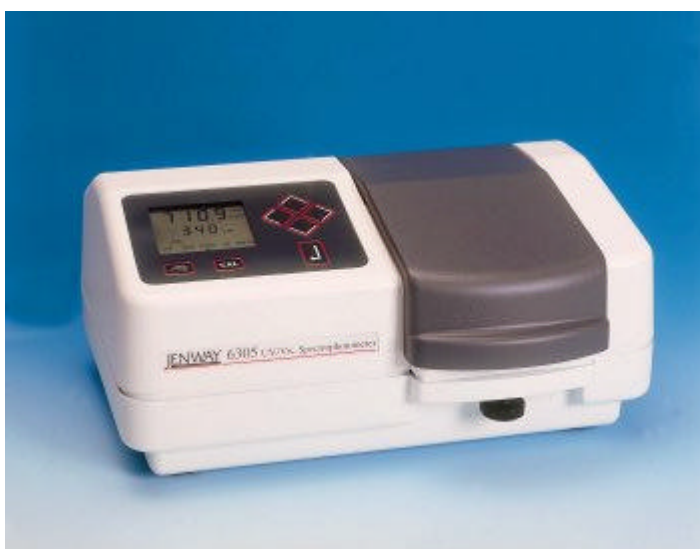


Jenway Model 6305 - UV/Visible 198-1000nm

The Model 6305 is designed to provide the user with a high quality, low cost measurement system for routine analysis.

- Non-scanning
- 6nm bandwidth over UV range
- Xenon lamp source with extended life
- Self calibrating lamp at 3 wavelengths
- Full interfacing capability



Features include:

A customised LCD gives simultaneous readout of wavelength and photometric result. Error messages, prompts, mode indication and a choice of concentration units are presented in an easily understood format.

Simple keypad layout and operating protocols ensure reliable operation by unfamiliar users.

The xenon lamp source offers a broad spectral source and extended life, therefore minimising the running costs of the product over its lifetime. The key feature of the lamp is that 40% of the energy of the lamp is emitted below 400nm, with intensity at 260nm which means an extra 5-10 times energy in the UV region compared to deuterium lamps. This makes the 6305 an ideal instrument for protein peptide or DNA studies.

A 3 point wavelength calibration is performed each time the 6305 is switched on, by looking at the fixed emission lines of the xenon lamp. This ensures the certainty of wavelength setting (247, 528 and 824nm) and provides the on-going assurance of accuracy required by Good Laboratory Practice (G.L.P.). The 6305 complies fully with EEC and US directives relating to ESD/EMC emission and susceptibility

A versatile sampling system comprising a large cell chamber and the variable length cuvette holder allow 10-100mm cells to be accommodated with ease, therefore changing of the sample configuration is quick and simple. Additional sampling flexibility can be gained using 10-25mm diameter test tubes or the optional 4 position cell holder.

Full interfacing capability using RS232 interfacing or an analogue output is provided as standard. Utilising the RS232 facility allows results to be down loaded via the front panel print key.

The bi-directional interface also allows remote interrogation and control of the 6305.

Traceable calibration standards provide the on-going assurance of accuracy required by Good Laboratory Practice (G.L.P.). The 6305 complies fully with EEC and US directives relating to ESD/EMC emission and susceptibility.

Optics	Single beam
Wavelength range	198- 1000nm
Resolution	1nm
Accuracy	±2nm
Bandwidth	6nm over UV range
Grating	1200 lines/mm
Transmittance range	0 to 199.9%
Resolution	0.1%
Accuracy	±1%T
Stray light	<0.5%T @ 340 and 220nm
Absorbance range	-0.300 to 1.999A
Resolution	0.001A
Concentration range	-3 to 1999Conc
Resolution	0.1/1
Units	ppm, mg/l, g/l, M, blank
Factor	0 to 199.9 / 1000 to 9999
Photometric noise levels	<0.001A @0A@400nm
Photometric stability	<0.002A/hr after 30 minutes
Readout	Custom LCD
Outputs	Analogue (0 to 1999mV) / RS232 serial port
Light source	Xenon lamp
Input voltage	115/230V a.c. -20% +10% 50/60Hz
Input power	<50W
Size	365(w) x 272(d) x 160(h) mm
Weight	6Kg

Model 6305 Accessories

632 001 Sipper pump (220V/50Hz)
632 031 Sipper pump (110V/60Hz)
634 001 4 position cell holder
021 041 DC/AC power converter
543 001 40 column printer
542 009 Interface cable kit
630 020 Test tube block (13mm diameter)
630 021 Test tube block (25mm diameter)
630 022 Test tube block (16mm diameter)
630 005 20-100mm cell holder
035 079 100x10mm glass cell
035 087 50x10mm glass cell
035 029 40x10mm glass cell
035 086 20x10mm glass cell
035 027 10x10mm glass cell
035 132 Pack 100 (300µl) UV plastic cuvettes (220-900nm)
060 087 Pack 100 (1ml) semi-micro cuvettes (320-1100nm)
060 084 Pack 100 (3.5ml) cuvettes (320-1100nm)
060 229 Pack 500 (3.5ml) cuvettes (320-1100nm)
060 230 Pack 100 (3.5ml) UV plastic cuvettes (280-1100nm)
060 232 Pack 500 (1ml) semi-micro UV plastic cuvettes (280-1100nm)
012 094 Xenon lamp module
630 028 Dust cover
035 088 Visible range calibration set
035 091 UV/Visible range calibration set
630 004 10x10mm cell holder
033 290 Storage case

Ihr Fachhändler:

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