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Specifications - Lambda 11 UV/VIS Spectrophotometer

Principle	Single beam spectrophotometer with microcomputer electronics, keyboard user interaction and vacuum fluorescence display.
Optics	Concave holographic grating with 1053 lines/mm.
Sources automatic	Prealigned deuterium and tungsten-halogen lamps with automatic source change.
Wavelength range	200 - 900 nm.
Stray light	< 0.03% T at 220 nm; < 0.03% T at 340, 370 nm.
Wavelength accuracy	+/- 0.5 nm
Wavelength repeatability	+/- 0.2 nm at D2 peak 656.1 nm
Bandpass	2 nm
Photometric accuracy	+/- 0.005 A at 1 A measured with NBS 930 filters
Photometric repeatability	+/- 0.002 A at 1 A
Absorbance zero	< 0.002 A/h (at 500 nm, 2 sec response, after warmup)
Baseline flatness	+/- 0.003 A (200 - 900 nm at 0 A, smooth 2, 240 nm/min scan speed)
Noise level	< 0.0005 A (0 A, 500 nm, 2 sec response)
Power requirements	100/120/230 VAC, 50/60 Hz, 250 VA
Temperature	+ 15 degrees C to + 35 degrees C
Size	65 cm wide, 23.3 cm high, 56 cm deep
Weight	26kg
Outputs	RS-232C/V24 standard

Display

2 line 20 character vacuum
fluorescence display



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