

Microprocessor Controlled SPECTROPHOTOMETER

Ideal for Educational, Clinical and Biochemical Laboratory

- Sample Volume Only 0.4ml
- Grating 1200 Lines/mm
- Both Round / Square Cuvette
- Automatic Zero Function



Microprocessor Controlled SPECTROPHOTOMETER SP-300

Use OPTIMA SP-300 and you will find it
more useful beyond your expectations

SPECIFICATIONS

Wavelength Range	320 to 1000nm		
Spectral Bandwidth	6nm		
Data Processing	Microprocessor		
Wavelength Accuracy	±2nm		
Wavelength Repeatability	±1nm		
Optical System	Grating 1200 Lines /mm		
Stray Light	≤0.5 % T at 340nm and 400 nm		
Display	3 1/2 digit LCD		
Photometric Range	0.0	to	1,999Abs
	0.0	to	150.0% T
	0.0	to	1999C (0 to 1999F)
Zero & Blank set	Automatic		
Photometric Accuracy	±1%T		
Drift	≤0.003 A / hour after warming up		
Detector	Silicon Photodiode		
Light Source	Tungsten Halogen lamp, 6V 10W		
Sample Volume	0.4ml (minimum)		
Sample Container	Round and Square cuvette		
Data Output	Analog output, RS-232C interface, Printer (Optional)		
Electrical	100-240VAC, 50/60Hz, Selected automatically		
Dimensions	330(W) x 130(H) x 270(D)mm		
Net Weight	5.0 kg		

STANDARD ACCESSORIES

Square Glass Cuvette	1 pc.
Didymium Filter	1 pc.
Cuvette Holder	1 pc.
Power Cord	1 pc.
Dust Cover	1 pc.
Operation Manual	1 copy

* Continuing research and improvements may result in specification change at any time.

* 1 year warranty on all parts except for the consumables.

* CE marked and FDA listed. Copies of CE and FDA documentation are available for compliance verification.



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