

## OPTIMA SP-300

### Microprocessor Controlled SPECTROPHOTOMETER

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



### Specifications

Wavelength Range	320nm~1000nm
Spectral Bandwidth	6nm
Data Processing	Microprocessor
Wavelength Accuracy	+/- 2nm
Wavelength Repeatability	+/- 1nm
Optical System	Grating 1200 Lines/mm
Stray Light	Less than 0.5% T (at 340nm and 400nm)
Display	3 1/2 digit LCD
Photometric Range	0 to 1.999A 0 to 100.0%T 0 to 1999C (0 to 1999F)
Didymium Filter	Wavelength calibration at 529nm +/- 2nm
Zero & Blank set	Automatic
Photometric Accuracy	+/- 1%T
Drift	Less than 0.003 A / 1 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	5.0kg

### Standard Accessories:

Square Cuvette with Safety Case	2 pcs.
Didymium Filter with Safety Case	1 pc.
Cuvette Holder	1 pc.
Power Cord	1 pc.
Dust Cover	1 pc.
Operation Manual	1 pc.