



UV-VIS SPECTROPHOTOMETER

PD-303UV



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- * The microprocessor-controlled and grating based UV/VIS spectrophotometers offering high resolution, sensitivity and reliability for sophisticated spectroscopy. The instruments feature 5nm spectral bandwidth and soft keyboard-based operation. They have a large sample compartment that will accept from 5mm to 100mm path length square cuvettes and various accessories. 2-line, 20-character LCD readout displays absorbance, transmittance, concentration and wavelength and gives easily understood instructions. The built-in RS-232C serial interface enables the instruments to be connected to a computer or printer. Friendly %T/A/C application software for Windows' OS is included and allows inexperienced users to operate the instrument. APEL PD-303UV is ideal for various tests performed in the sectors of environmental protection, water and waste water, biochemistry, clinical, food and beverage and industrial laboratories.



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Rear View

SPECIFICATIONS:

Wavelength Range	190 to 1000 nm
Wavelength Width	5nm
Wavelength Accuracy	±2nm
Wavelength Scale	1nm scale(Readable)
Wavelength Repeatability	±0.5nm
Optical system	Single beam, grating system 1200lines/mm
Stray Radiant Energy	<0.3%T typical at 220nm and 340nm
Display	2-lines, 20 character LCD Display
Photometric Range	0 to 2.5ABS 0 to 125.0% T 0 to 1999C (0 – 1999F)
Photometric Accuracy	±0.004A at 0.5A
Drift	<0.002A/hour after warm up
Detector	Silicon photocell
Light source	Halogen lamp, Deuterium lamp
Auto Zero	Yes
Standard Sample holder	4 positions, 10mm x10mm Square cuvette
Data output	Analog output, RS-232C (D-SUB 9pins)
Power Requirements	115/230VAC, 50/60Hz, changeable
Dimensions	470mm(W)x400mm(L)x198mm(H)
Weight	Net 12.5kg (Main body)

STANDARD ACCESSORIES:

Description	Quantity
Square Glass cuvette	1 box (pk of 4)
Square Quartz Cuvette	1 box (pk of 2)
Fuse (1A)	1 pc
RS-232C cable	1 pc
Dust cover	1 pc
Power cord	1 pc
Application software CD-ROM	1 pc
Operation manual	1 pc



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