



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. A friendly %T/A/C application software for Windows' OS is enclosed and allows inexperienced user to operate the instruments. APEL PD-303UV is ideal for many tests performed in environmental protection, water and waste water, biochemistry, clinical, food and beverage and industrial laboratories.



UV-VIS SPECTROPHOTOMETER

PD-303UV



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 | Tungsten 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 | 460mm(W)x350mm(L)x180mm(H) |
| Weight | Net 12kg (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 |

Specifications and/or appearance are subject to change without any prior notice.

MANUF.

APEL CO., LTD.

URL: <http://www.apel-jp.com>

Distributor