



SPECTROPHOTOMETER

PD-303S



*** PARAMETERS**

5 standard curves can be memorized.

*** EXTERNAL INTERFACE**

Printer interface and RS-232C are built in.

*** MEMORY AND OTHER FUNCTIONS**

Microprocessor enabled various functions such as the measurement of correlation curve, timer mode and memory of standard data etc. as standard functions.

*** AUTO-ZERO FUNCTION**

T=0% and T=100% can be adjusted with one touch of a button.

*** SMALL SAMPLE**

Minimum sample volume is 1.0mL.

*** LONG LAMP LIFE**

Long life span of lamp (2,000 hours)

*** EXCELLENT STABILITY**

Excellent stability even in the low wavelength ranges.

*** ROUND OR SQUARE CUVETTE USABLE**

Either round cuvette or square cuvette can be used without adapter.

*** FLEXIBLE POWER SOURCE**

Power requirement is flexible, from 100 to 240VAC.

*** EASY LAMP REPLACEMENT**

Exchange of lamp is simplicity itself.



SPECTROPHOTOMETER

PD-303S



Printer (Example)

PD-303S(Rear side)

SPECIFICATIONS:

| | |
|----------------------|------------------------------------------------------------------------------------|
| Wavelength Range | 340 to 1000 nm |
| Wavelength Width | 8nm in the entire region |
| Wavelength Accuracy | ±2nm at 356,585 and 879nm |
| Wavelength Scale | 1nm scale |
| Optical path length | 10mm |
| Spectroscope | Diffraction grating, number of grooves 1200 lines/mm |
| Stray Radiant Energy | <0.5%T typical at 400nm with appropriate stray light filter |
| Display | LCD Display |
| Photometric Range | -0.200 to 3.000ABS 0.0 to 200% T 0.000 to 2000C |
| Photometric Accuracy | ±2%T |
| Measuring mode | 1. Normal mode Timer mode – Measuring interval 1-60sec, Time limit 5940sec |
| Detector | High sensitivity silicon photocell |
| Light source | Bright intensity lamp |
| Sample Volume | 1.0mL(minimum) |
| Sample Container | Round cuvette: 10φ(ID), 105(L)mm Square cuvette: 10x10x45(L)mm |
| Printer interface | Centronics (D-SUB 25pins) *Printer is not included in the standard accessories. |
| Serial interface | RS-232C (D-SUB 9pins) |
| Power Requirements | 100 – 240VAC, 50/60Hz, 9W |
| Dimensions | 270mm(W)x285mm(L)x155mm(H) |
| Weight | Net 4.8kg (Main body) |

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

APEL CO., LTD.,