



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

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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.

MANUF.

APEL CO., LTD.,

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

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