



APEL CO., LTD. JAPAN

**APEL SPECTROPHOTOMETER
MADE IN JAPAN**

PD-303S

SPECTROPHOTOMETER

**Robust & Accurate
Spectrophotometer**



Excellent stability

Easy and simple to use



Multi function

Correlation measurement, timer mode and many more microprocessor based functions are installed.

Auto-zero

T=0% and T=100% are automatically set with just a touch of key.

Connectivity to peripherals

Can be connected to a computer and a printer.

Automatic worldwide voltage

100-240VAC can be used.

Long life and easy replacement of lamp

Lamp life is around 2,000 hours and lamp replacement is very easy.

**User
Friendly**



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Specifications:

Wavelength Range	340 to 1000nm
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
Display	LCD Display
Photometric Range	-0.200 to 3.000 ABS
	0.0 to 200%T
	0.000 to 2000C
Photometric Accuracy	±2%T
Measuring mode	1. Normal mode
	2. Timer mode - Measuring interval
	1-60 sec Time limit 5960 sec
Detector	High sensitivity silicon photocell
Light source	Bright intensity lamp
Sample Volume	1.0 ml (minimum)
Sample Container	Round cuvette: 10 φ (ID), 105(L) mm
	Square cuvette: 10 X 10 X 45(L) mm

Specifications and appearance are subject to change without notice.

Printer interface	Centronics (D-SUB 25pins) *Printer is not included in the standard solution.
Serial interface	RS-232C (D-SUB 9pins)
Power Requirements	100- 240VAC, 50/60Hz, 9W
Dimensions	270mm(W) X 285mm(L) X 155mm(H)
Weight	Net 4.8kg (Main body)

Standard Accessories:

Square cuvette	2 pcs
Round cuvettes	10 pcs
Power cord	1 pc
Vinyl dust cover	1 pc
Operation manual	1 copy

Optional Accessories:

Software for PC	1 pc
Serial cable	1 pc

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Website

<http://www.apel.co.jp>

Distributor