



## SPECTROPHOTOMETER

# PD-303



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\* **SMALL SAMPLE**

Minimum sample volume is 1.0mL.

\* **LONG LAMP LIFE**

Long life span of lamp (2,000 hours)

\* **EASY LAMP REPLACEMENT**

Exchange of lamp is simplicity itself.

\* **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.

\* **Analog output**

Possible to output the results to the recorder using supplied analog output cable.



# SPECTROPHOTOMETER

## PD-303

- (1) Cuvette holder
- (2) Wavelength display window
- (3) Wavelength selector control
- (4) Selection switch
- (5) LED readout display
- (6) Absorbance control
- (7) Transmittance key(T-0%)
- (8) Transmittance key(T-100%)
- (9) Concentration/Factor control



### SPECIFICATIONS:

Wavelength Range	340 to 1000 nm
Wavelength Width	10nm in the entire region
Wavelength Accuracy	±2nm at 365 and 546nm
Wavelength Scale	2nm scale
Optical path length	10mm
Spectroscope	Diffraction grating, number of grooves 1200lines/mm
Stray Radiant Energy	<0.5%T typical at 340nm with appropriate stray light filter
Display	3 1/2 digit LED
Photometric Range	0 – 1.999ABS 0 – 100%T 0 – 1999 C
Photometric Accuracy	±2%T
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
Power Requirements	100 – 240VAC, 50/60Hz, 9W
Dimensions	270mm(W)x285mm(L)x155mm(H)
Weight	Net 4.7kg (Main body)

### STANDARD ACCESSORIES:

Square cuvette	2 pcs	Power cord	1 pc
Round cuvette	20 pcs	Vinyl dust cover	1 pc
Test tube stand	1 pc	Operation manual	1 copy
Analog output cable	1 pc		

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

MANUF.

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