

Intech
Microprocessor
Spectrophotometer
IN-311



A versatile, rugged,
easy to operate and
accurate instrument to
determine absorbance,
% transmission and
concentration of liquids

SALIENT FEATURES

- Digital display
- Microprocessor based
- 400 samples storage capacity
- Wavelength range 340 to 960 nm
- Compact and easy to operate instrument

TECHNICAL SPECIFICATIONS

Wavelength Range	340 to 960 nm.
Wavelength Accuracy	± 1 nm
Spectral Slit width	< 5 nm
% Transmission	0.0 – 100% T
Absorbance	0 – 1.999 A
Concentration	0 – 1999
K Factor	0.1 to 199.9
Resolution	0.1% T, 0.001 Abs
Stray Radiant Energy	2% or lesser at 340 nm and 400 nm.
Photometric Accuracy	2% T or lesser
Monochromator	600 lines/mm diffraction gratings
Photo Detector	Silicon Photodiode
Display	20 x 4 line alphanumeric LCD display for %T, Abs, Conc. and K Factor:
Key Board	6 keys soft touch membrane type
Data Storage	Up to 400 samples
Light Source	6V, 10 W. Tungsten Halogen lamp
Sample Holder	10 mm cuvettes/glass tubes
Serial Interface	RS-232C Interface.
Power	230V ± 10%, 50 Hz.

* Design & Specifications are subject to change without any prior notice.

ACCESSORIES

- Matched test tubes
A set of 2
- Dust Cover
1 No.
- Instruction Manual
1 No.

Perfection in
Laboratory Science

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