

# Microprocessor Spectrophotometer

1305



1 Year Warranty

- Highly Accurate & Stable
- Range 340 to 960 nm
- 16x2 line backlit LCD Display
- Printer Attachment Facility
- Storage for 100 samples
- RS232C Computer Interface (optional)
- Soft Touch Membrane Keys

This is most economical, reliable, rugged and accurate instrument for spectrophotometric analysis of any concentration. It operates at a wavelength range of 340 nm to 960 nm. The output is available on a 16x2 line alphanumeric display in terms of Optical Density, Percentage Transmission and Concentration.

# Spectrophotometer

## Technical Data

MODEL	1305
RANGE	340 to 960 nm
RESOLUTION	0.1% T, Abs : 0.001, Conc. : 1
OUTPUT	% T: 0 to 100%, Abs : 0 to 1.999, Conc. : 0 to 19999
DETECTOR	Silicon Photodiode
LIGHT SOURCE	6 V, 10 W, Tungsten Halogen Lamp
MONOCHROMATOR	600 lines/ mm diffraction grating
SAMPLE HOLDER	10 mm glass cuvettes
SPECTRAL BANDWIDTH	< 5 nm
WAVELENGTH RESOLUTION	1 nm
WAVELENGTH ACCURACY	± 1 nm
REPEATABILITY	± 2 nm
DISPLAY	16x2 line alphanumeric backlit LCD display
OPERATING TEMP. RANGE	5 <sup>o</sup> to 45 <sup>o</sup> C
POWER	230 V±10% AC, 50 Hz
DIMENSIONS (LxBxH)	475 x 285 x 130 mm (Approx.)
WEIGHT	8.5 Kg. (Approx.)
ACCESSORIES	Matched Cuvettes : 1 Set    Dust Cover : 1 No.    Instruction Manual : 1 No.

## Product Range

Semi Auto Analyser, Digital UV/VIS Spectrophotometer, Digital pH Meter, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital Conductivity Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus.

Other Spectrophotometers available : Digital Spectrophotometer Model 301, 302, 304 & 305, Microprocessor Spectrophotometer