



DIGITAL Spectrophotometer

- Range 340 to 1000nm
- 3½ Digital Display for Data
- Highly Stable & Accurate
- 10mm & 50mm path length in 302
- Direct Concentration Facility



A 301

An economical, reliable, rugged and most accurate system for spectrophotometric analysis of any concentration. They operate at a wavelength range of 340 to 1000nm. The output is available on a 3½ digit LED display in terms of Optical Density, Percentage Transmission and Concentration. Model 302 has 3 position rapid change cuvette/Test Tube Holder.

Highly advanced solid state I.C. Technology has made the circuit very stable and accurate. Rotating disc makes the calibration extremely simple. Desired wavelength can be selected by adjusting the disc provided at the top panel.



A 302

SPECIFICATIONS

Range : 340 to 1000 nm

Detection : Silicon Photodiode

Output : % T: 0 to 100%, Abs : 0 to 1.999,
Conc. : 0 to 1999

Sample Holder : Model 301 : 10 mm Test Tubes

Spectral Bandwidth : 10 nm

Wave Length Resolution : 5 nm

Repeatability : ± 2 nm

Operating Temp. Range : 5°C to 45°C

Dimensions : L 490×B300×H165mm (Approx.)

Accessories : *Test Tube (10mm Path length) : 1 Set *Dust Cover : 1 No. *Operation Manual : 1 No.

Resolution : 0.1% T, Abs : 0.001 Conc. : 1

Light Source : 6V, 10W, Tungsten Halogen Lamp

Monochromator : 600 lines/mm holographic
grating

Model 302 : 10 mm Test Tubes & 3 Position
rapid change Test Tube Holder

Display : 3½ Digit Bright Red LED Display

Wave Length Accuracy : ± 2.5 nm

Reorder Output : Available

Power : 230V±10% AC, 50Hz

Weight : 8.5 Kg. (Approx.)