

# DIGITAL SPECTROPHOTOMETERS

## 31/38/40



### SALIENT FEATURES

- ✓ Range 340 to 960 nm
- ✓ Dual Digital Display for Wavelength & Data
- ✓ Wavelength Resolution 1 nm
- ✓ Highly Stable & Accurate
- ✓ Direct Concentration Facility
- ✓ 10 mm, 50 mm & 100mm path length

### ACCESSORIES

- Cuvettes (10 mm) : 2 Nos. (Model LT-31)
- Cuvettes (10 mm & 50 mm) : 2 Nos. (Model LT-38)
- Cuvettes (10 mm, 50 mm & 100 mm) : 2 Nos. (Model LT-40)
- Dust Cover : 1 No.
- Operation Manual
- Operation Manual : 1 No.



### TECHNICAL SPECIFICATIONS

✓ 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 1999,
✓ DETECTOR	Silicon Photodiode
✓ LIGHT SOURCE	6 V, 10 W, Tungsten Halogen Lamp
✓ MONOCHROMATOR	600 lines/mm holographic grating
✓ SAMPLE HOLDER	10 mm Cuvette holder for LT-31 10 mm & 50 mm Cuvette holder for LT-38 10 mm, 50 mm & 100 mm Cuvette holder for LT-40
✓ SPECTRAL BANDWIDTH	5 nm
✓ WAVELENGTH RESOLUTION	1 nm
✓ WAVELENGTH ACCURACY	± 2.5 nm
✓ REPEATABILITY	± 2 nm
✓ RECORDER OUTPUT	Available
✓ DISPLAY	3½ Digit Bright Red LED Dual Display for Data & Wavelength
✓ OPERATING TEMP. RANGE	50 to 45°C
✓ POWER	230 V±10% AC, 50 Hz
✓ DIMENSIONS (LxBxH)	475 x 285 x 130 mm (Approx.)
✓ WEIGHT	8.5 Kg. (Approx.)