

UV-VIS/VIS SPECTROPHOTOMETER



FEATURES:

- ✎ Microprocessor control, 16X2 LCD Display.
- ✎ Auto zero and auto 100%T adjustment provided.
- ✎ Calibration curve can be set up by either measuring or entering up to 10 standards or entering K and B factors directly via the keyboard.
- ✎ Parameters can be saved for later use; Up to 10 calibration curves can be stored and edited for user's convenience.
- ✎ Standard manual 4-cell holder accommodates cells from 5-50mm and changeable to long path length cell holder of 100mm.
- ✎ Data can be printed out via a printer port.
- ✎ PC control measurement can be achieved via a USB port for more accurate and flexible requirements.

SPECIFICATIONS:

Model	RIC-73A μ	RIC-73B
Wavelength	320~1100nm	190~1100nm
Wavelength Accuracy	± 2.0 nm	
Wavelength Reproducibility	1nm	
Monochromator	Single Beam, C-T type, grating 1200 L/mm	
Photometric Accuracy	$\pm 0.5\%$ T	
Photometric Reproducibility	0.3%T	
Stray Light	0.1%T (NaNO ₂ at 340 nm)	0.1%T (NaI at 220nm, NaNO ₂ at 340 nm)
Spectral Bandwidth	2nm (1, 4, 5nm Optional)	
0%T Stability	0.2%T(30min)	
100%T Stability	0.001A/30min (at 500nm, after warming up)	
Operation Mode	T, A, C, E	
Photometric Range	-0.3~3A	
Display	16X2 LCD	
Detector	Silicon photodiode	
Light Source	Tungsten halogen lamp	Tungsten halogen lamp, D2 lamp
Power requirement	110~240V,50/60HZ	
Power consumption	100W	120W
Dimensions	530X410X210mm	
Weight	15Kg	16Kg

RELIABLE INSTRUMENTS CO. (ISO 9001CO.)



Sales Office/Reg. Office: 301, 2nd Floor, Mittal Commercial Complex, N.I.T-5, Faridabad
Tel.: 91-129-4052611, 2410244, 6450611; Telefax: 91-129-2410219;
M: 91-9818047375
Email: ricindfbd@gmail.com; ricind@rediffmail.com; ricind@yahoo.co.in;

RIC is continually improving its products & reserves the right to change specifications without prior notice.