SPLIT BEAM UV/VIS SPECTROPHOTOMETER RIC-73D

FEATURES:

- Wide wavelength range, satisfying requirements of various fields.
- The split-beam ratio monitoring system provides accurate measurements and enhances baseline stability.
- Four options for spectral bandwidth selection, 5nm, 4nm, 2nm and 1nm, made according to customer's need and satisfying the requirements of pharmacopoeia.
- Fully automated design, realizing easy measurement.
- Optimized optics and large scale integrated circuits design, light source and receiver from world famous manufacturer, all add up to high performance and reliability.
- Rich measurement methods, wavelength scan, time scan, multi-wavelength determination, multi-order derivative determination, double-wavelength method and triple-wavelength method etc, meet different measurement requirements.
- Automatic 10mm 8-cell holder, changeable to automatic 5mm-50mm 4-position cell holder for more choices.
- Data output can be obtained via a printer port.
- Parameters and data can be saved in case of power failure for user's convenience.
- PC controlled measurement can be achieved via RS-232 interface (USB port) for more accurate and flexible requirements.

SPECIFICATIONS

Wavelength range: 190-1100nm
Spectral bandwidth: 2nm (5nm, 4nm, 1nm Optional)
Wavelength Accuracy: ± 0.3 nm
Wavelength Reproducibility: 0.15 nm
Photometric System: Split- Beam ratio monitoring , auto scan , Dual detectors
Photometric Accuracy: ± 0.3% T (0-100%T); ± 0.002A(0~0.5A): ± 0.004A(0.5A~1A)
Photometric Reproducibility: 0.2%T
Working mode: T, A, C, E
Photometric Range: -0.3 to -3A
Stray Light: ≤0.1% T (Nal, 220nm, NaNO2, 340nm)
Baseline Flatness: ±0.002A
Stability: 0.001A/30min (at 500nm, after warming up)
Noise: ±0.001A (at 500nm, after warming up)
Display: 6 inches high light blue LCD
Detector: Silicon photodiode
Power: AC:220V/50Hz, 110V/60Hz, 180W
Dimensions: 630X470X210mm; Weight: 26Kg

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