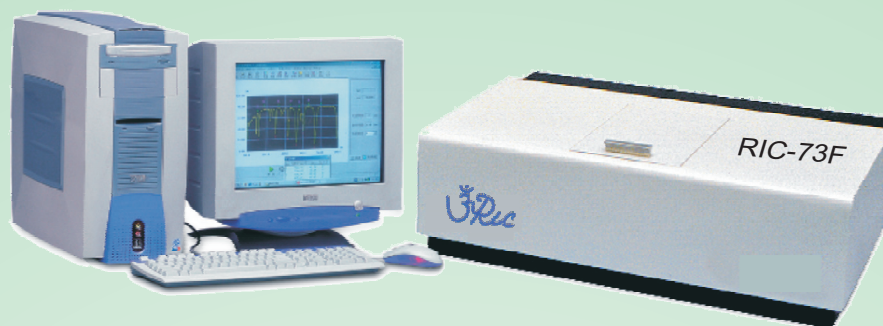


UV-VIS Variable BW DOUBLE BEAM SPECTROPHOTOMETER, RIC-73F



FEATURES:

- ✎ Double beam, fully automated scanning system.
- ✎ PC control, Advance analytical software.
- ✎ Wavelength Scan:
 - Scanning sample spectra in any range within 190-900nm.
 - Three scanning speed: Fast, Middle and Slow selectable, with Min. sampling interval of 0.04nm.
 - Data processing function of derivative spectra and smoothing, peak picking, spectrum expansion and superposition and other arithmetic calculation.
- ✎ Fixed wavelength measurement:
 - 10 wavelengths can be set at the same time.
 - Arithmetic calculation between wavelengths can be done.
- ✎ Quantification:
 - Standard factor method, standard contrast method; 2-wavelength method and 3-wavelength method etc.
- ✎ Kinetic measurement:
 - Wavelengths and sampling interval selectable, activity calculation available.

OPTIONAL ACCESSORIES:

- ✎ Peltier temperature control system (Peltier cell holder and temperature control unit)
- ✎ Flow through system (Flow through cell and peristaltic pump)

SPECIFICATIONS:

Wavelength Range	190-900nm
Spectral Bandwidth	0.1, 0.2, 0.5, 1.0, 2.0 nm
Wavelength Accuracy	± 0.3 nm (0.15nm if required)
Wavelength Reproducibility	0.15 nm
Photometric Accuracy	± 0.3% T (0-100%T), ± 0.002A(0~0.5A), ± 0.004A(0.5A~1A)
Photometric Reproducibility	0.15%T
Working Mode	T, A (-3~4A), C, E
Stray Light	≤ 0.05%T (NaI, at 220 nm)
Baseline Flatness	±0.001A
Stability	0.0004A/h (at 500nm, after warming up)
Detector	photomultiplier
Light Source	Tungsten halogen lamp and Deuterium lamp
Power	AC:220V/50Hz, 400W
Dimensions	670X470X210mm
Weight	45Kg



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