Item No. 07. Spectrofluorophotometer

Specification for Spectrofluorophotometer

Microprocessor based model with LCD computer display for operation on 220V/50Hz.

Excitation /emission Monochromators: Concave, blazed holographic grating
Wavelength range: 220-900 nm
Measuring wavelength range: 220-900 nm with photomultiplier
Spectral bandwidth: 6-step selection
Wavelength accuracy: ±1.5 nm
Light source compensation: Feedback system with monochromatic light monitoring
Sensitivity: S/N ratio is 150 or higher for Raman lines

Wavelength Slewing speed: About 30000 nm /min
Response: 9 step selection
Sensitivity Selection: High and low
Interface: Necessary interface is required
Operational Temperature range: 15-35°C
Measurement: Excitation, emission and synchronous spectrum, etc.
Data Processing: Arithmetic calculation between spectra and between a spectrum, conversion into ASCII & DIF formats

Quartz cell polished on four sides
Micro cell holder
Solid sample holder