

Fluorescence Spectrophotometer FS-2060

Application:

FS-2060(CRT) fluorescence spectrophotometer is a new intelligent instrument, widely used in scientific research, chemical, pharmaceutical, biochemical, pharmaceutical, biochemical, environmental and clinical testing, food inspection, teaching experiments and other fields.

Common characteristics:

Emission monochromator use 1200L/nm concave grating. Large aperture aspherical mirror, the sensitivity is particularly high. 1500W large power mercury lamps, strong excitation Uses light source monitoring technology, measuring results are stable. Photomultiplier tubes are high performance, has the best signal to noise ratio. With self-diagnostic function, reliable work. Spectral bandwidth 1 to 20 nm (continuously adjustable and computer controlled)



FS-2060 CRT type of characteristics:

With Windows 95 computer workstation, less failure, good reliability. Workstation uses the Chinese dialog window, easy to operate. Can comfortably perform the scanning determination, quantitative analysis, calculate, tabulate and record with the mouse.

Select Accessories:

Light Source: 150W Xenon arc lamp
Interference filters (mercury lamp light source) :254nm, 313nm, 436nm, 546nm
Interference filters (deuterium light source) :250nm ~ 750nm arbitrarily select
Main Technical Specifications

960MC/CRT:

EM Wavelength range: 200nm ~ 850nm
Photometric value range: -9999 to 9999 or better
Working humidity: 45 to 80% (condensation not allowed, 70% or less at 35°C or higher)
Wavelength accuracy: ± 1 nm or better
Wavelength repeatability: ± 0.5 nm or better
Resolution: ± 2 nm or better
Wavelength scan speed Up to 4000 nm/min or better
Response: Response from 0 to 98% 0.004, 0.01, 0.05, 0.1, 0.5, 2, 4, 8, or better
Sensitivity: S/N ratio 800:1 or using Ramen Band of water
Determination method: a. wavelength scanning b. time scanning c. Quantitative analysis

960 CRT with computer:

Spectral processing:
Continuous scan measurement: 1-4 first derivative spectra; calculating peak; peak retrieval; mapping operations; map window treatment; map store and recall; map printout.
Quantitative Analysis:
Sample holder: Solid (powder/palette/film) liquid sample holder for 10 mm cuvettes.
measurement of S/N and stability; automatic background subtraction; quantitative analysis, print out.

Regulatory compliances



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