

Fluorescence Spectrophotometer



Description

AST-FL96P fluorescence spectrophotometer is so sensitive that it has become an important analytical method in measurement analysis.

Advantage

1. Provides wavelength, time scanning (kinetic analysis) and quantitative analysis functions.
2. 365nm excitation wavelength Raman peak $S/N \geq 150$ for water in 1cm quartz fluorescence cuvette High-performance sensitivity simplifies the measurement of low detection samples.
3. 17 levels of gain adjustment are selectable for emission spectrum scanning, including high-speed low signal-to-noise ratio scanning and precision scanning. Full spectrum scanning can be completed within 1 second.
4. Intelligent pre-scan function for fast detection of spectral information of unknown samples. And it can automatically ignore the effect of scattering peaks and harmonic peaks.
5. Support offline mode and online mode.
6. 150W xenon lamp and power supply to ensure high stability and a wide spectral range of testing.
7. The normalization feature of fluorescence value can make the results of different fluorescence comparable.
8. Optional PC qualitative and quantitative software package with expandable time scanning, wavelength scanning, graphical calculation and storage access

Model	AST-FL96P
Light source	Hamamatsu 150W Xenon lamp
Exciting optical filters	Interference optical filter
Emission monochromator	C-T diffraction grating
Emission wavelength	200-900nm
Emission bandwidth	10nm
Sensitivity	S/N \geq 150 (P-P)
Linear	\geq 0.995
Stability	better than 1.5%/10min
Power Supply	220V \pm 22V 50Hz \pm 1Hz
Response time	(0.1-4)s 6 stages adjustable
Fluorescence display value	0.00-600.00
Data transmission	USB 2.0
External Size(W \times D \times H)(mm)	442 \times 392 \times 250
Shipping Size(W \times D \times H)(mm)	535 \times 500 \times 380
N.W./G.W. (kg)	10/15

