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UV-visible spectrophotometer G-L6

Release date : 2020-11-13

UV-Vis Spectrophotometer G-L6 | Product Description L6/L6S series of UV-Vis spectrophotometers can meet the needs of daily analysis and scientific research. The instrument adopts advanced and reasonable

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UV-Vis Spectrophotometer

G-L6



| Product Description

L6/L6S series of UV-Vis spectrophotometers can meet the needs of daily analysis and scientific research. The instrument adopts advanced and reasonable optical system and low noise circuit design, which has excellent reliability and stability.

| main features

Advanced optical, mechanical and electrical design, with superior performance and cost-performance. .

Using 7-inch color touch LCD, flexible and convenient operation.

High performance, low stray light "blazed holographic grating" and high

resolution monochromator are used to monitor the structure of optical path.

With unique automatic adjustment "0" adjustment "100", eight sample pool linkage.

Has full band scanning, subband scanning, kinetic time scanning, GOTO λ 、linear regression, concentration direct reading, peak and valley detection and other advanced work.

The thermosensitive plotter can be used to draw the curves of data printing, spectral scanning, fixed wavelength time scanning, linear regression and so on.

With USB interface, it can directly interact with the PC machine, strengthen the processing function of the instrument, such as detection data, scanning map and so on, realize the massive storage of test documents, and also provide convenience for the secondary development of users.

Advanced power-off protection measures, memory test data, scanning map, regression equation and instrument correction value, etc., to achieve the start-up rapid initialization into the test state.

The instrument uses a high energy long life flange to locate the deuterium lamp. When the instrument deuterium lamp must be replaced, only two flange positioning screws can be unloaded to ensure that the lamp source is in the best position without cumbersome light path adjustment.

| technical indicators:

Wavelength range :190 nm~1100 nm

Maximum allowable wavelength error : ± 0.5 nm

Wavelength repeatability : ≤ 0.2 nm

Spectral bandwidth: nm 2

stray light : $\leq 0.036\%$ (T) (measured at 220 nm for NaI) (measured at 360 nm for NaNO₂)

Transmission range :0.0%(T)~200.0%(T)

absorbance range : -0.301 (A)~4.000(A)

Maximum allowable transmittance error : $\pm 0.3\%$ (T)

Drift : ≤ 0.0009 A/0.5h (250 nm and 500 nm after boot 2)

Transmission specific gravity renaturation : $\leq 0.15\%$ (T)

Baseline flatness : ± 0.002 A (200 nm~1090 nm only for S series

Noise :100%(T) Noise $\leq 0.15\%$ (T) 0%(T) Noise :0.10%(T)

Scan speed: fast, medium, slow

Temperature :5°C~35°C

Ambient humidity : ≤ 85 per cent

Power supply voltage: AC220V ± 22 V 50Hz AC220V ± 1 Hz

Rated power :200 W

Recommended

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Automatic tool metallographic measuring instrument V400

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Automatic tool metallographic measuring instrument V800

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Automatic tool metallographic measuring instrument V1800

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Automatic tool metallographic measuring instrument V2000

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