

Double Beam UV-Vis Spectrophotometer

Product Description :

Features :

LS-101 DU Spectrophotometer has been designed using cutting edge technology .

Easy-to-use Windows - Graphical User Interface " W-GUI ".

High definition TFT colored Touch screen" 10.inches".

Auto setting wavelength.

Compact design with a small footprint.

Massive memory used for saving the testing data & working curves.

Universal connectivity and data transmission by using USB port.

Data and analytical results can be exported to Excel file for further processing and analysis.

Deuterium and tungsten light sources deliver superior stability across the full wavelength range, their socket type enables switching lamps without optics error, they are also easy to replace when required Sample Chamber can hold all kind of cuvettes from 5-100 mm. Different scanning speed, the fastest speed is 3000 nm/min.



Functions :

Powerful function, The main unit of the spectrophotometer can analyze for photometric measurement, quantitative, kinetics, wavelength scan, multi- wavelength test, , DNA/Protein analysis, system utility etc.

Applications :

The instrument is extensively used for the analysis of water, foods, drugs, agricultural products, health care, environmental protection, life sciences industries and many other organic and biochemical applications.

Optional accessories :

Auto 8 cell holder. Film holder.

Peltier/Sipper system

21 CFR compliant software. Built-in printer

MODEL	LS-101DU
Optical System	Double beam
Wavelength Range	190 nm -1100nm
Spectral Bandwidth	2nm
Wavelength	±0.3nm
Wavelength & Repeatability	≤0.1 nm
Accuracy	±0.3nm
Photometric & Accuracy	0.2%T(0~100%T), ±0.002A(0-0.5A), ±0.004A(0.5-1A)
Photometric & Repeatability	≤0.15%T (0-100%T), 0.001A(0-0.5A), 0.002A(0.5-1A)
Photometric Range	0-200%T, -3~3A, 0-9999C (0-9999F)
Stray Light	≤0.03%T@220nm, 360nm
Stability	±0.0003A/h @500 nm
Baseline Flatness	±0.0002A
Noise	0.0005A@500nm
Work mode	T, A, C, E
Scanning speed	Fast, Mid, Slow
Wavelength setting	Auto
Display	0.1" TFT Colored Capacitive Touch Screen
Light Source	Imported Deuterium & Tungsten lamp
Detector	Imported Silicon Photodiode
Output	USB Host/USB Drive/RS232/SD Card
Power	AC 220V/50Hz or AC 110V/60Hz
Dimension	590 x 475 x 250mm
Net Weight	20kg

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