

Double Beam Spectrophotometer Xenon Lamp

IG-UV301S



IGENE LABSERVE

Innovative • Interactive • Intuitive

FEATURES & SPECIFICATIONS

DESCRIPTION

IG- UV301S is the ideal spectrophotometer for laboratory use. It uses latest advanced PID based double beam Ultra-Violet Visible technology with dual detector.

FEATURES

- ❖ High quality flashing xenon lamp which can start to test directly without preheating.
- ❖ Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum Scan, DNA/Protein test, multi-wavelength test etc.
- ❖ In-house massive memory is capable of saving up to 1024MB for test data & working curves.
- ❖ Supports USB storage, The USB port can be used for data transfer, which is easily exported to Excel for further processing, analysis and storage.
- ❖ Large sample chamber can accommodate 5-100 mm cuvettes of all kinds. Provide at Extra cost.
- ❖ Extensive accessories are optional, such as auto 8-cell holder, Peltier/sipper system, 21 CFR compliant software Provide at Extra cost. etc.
- ❖ Auto Wavelength Setting.
- ❖ On-Screen Standard Kinetic Curve Display.



SPECIFICATIONS

Model	IG- UV301S
Optical System	Double Beam, Grating 1200 lines/mm
Wavelength Range	190 nm-1100nm
Spectral Bandwidth	1 nm
Wavelength Accuracy	±0.1nm@656.1nm, ±0.3nm@all
Wavelength Repeatability	≤0.1nm
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, 0.3~3A
Stray Light	≤0.03%T@220nm, 360 nm
Stability	±0.0005A/h@500nm
Baseline Flatness	±0.001A
Work Mode	T%, Abs, Conc, E,
Scanning Speed	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting	Auto
Display	7" TFT Colour Screen
Light Source	Imported Xenon Lamp
Detector	Imported Silicon Photodiode
Cuvette Holder	10mm single hole cell holder
Output	USB drive, USB host, RS232
Power	AC 220V/50Hz or AC 110V/60Hz
Shipping Size	810*660*390mm
Gross Weight	27kg
Standard Accessories	10mm glass cuvette x 4, 10mm quartz cuvette x2, Power cord, User's Manual, PC software