

Spectrophotometer Double Beam MODEL GS-2901



Features:

- 10.1 inches color touch screen and windows graphic interface.
- Powerful functions like Photometric measurement, Quantitative measurement, Kinetics, Spectrum scan, DNA\Protein test, multiwavelength test, etc
- In-house massive memory is capable of saving up to 1024M 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.
- Socket type deuterium and tungsten lamp can make lamps switching without optics debugging and easy to be replaced.
- Large sample chamber can accommodate 5-100mm cuvettes of all kinds.
- Extensive accessories are optional, such as auto 8-cell holder, film holder, tube rack, peltier/sipper system, integrating sphere, reflection accessory, built-in printer, 21 CFR compliant software, etc.

TECHNICAL SPECIFICATIONS:

Optical System:	Double Beam, Grating 1200 lines/mm
Wavelength Range:	190-1100 nm
Spectral Bandwidth:	0.5/1/2/4/5nm
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, 0-9999C
Stray Light:	≤0.03%T@220nm, 360nm
Stability:	±0.0003A/h @500 nm
Baseline Flatness:	±0.001A
Noise:	0.0005A@500nm
Work Mode:	T, A, C, E
Scanning Speed:	Hi, Med, Low (Max. 3000nm/min)
Wavelength Setting:	Auto
Display:	10.1 inches Color Touch Screen
Light Source:	Deuterium & Tungsten lamp
Detector:	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:	880*690*520mm
Gross Weight:	45 Kg
Standard Accessories:	10mm glass cuvette x 4, 10mm quartz cuvette x 2, Power cord, User's Manual , PC software