

UV-Visible Spectrophotometer

MODEL NO. UV-1950



Standard accessories

- Instruction manual
- Glass/ quartz cuvette
- Dust cover

SALIENT FEATURES:

- 7 inches colour LCD and window graphic interface.
- memory about 1 GB for saving test data and Different curves.
- supports external storage through USB & SD card.
- socket type deuterium and tungsten lamp can make lamp switching without optic debugging and easy to be replaced
- Automatic Temperature Compensation (ATC) ensures high accuracy

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Specification:

Model	UV-1950
Make	Galaxy
Bandwidth	1 nm
Cell holder	Sample and reference cuvette holder (both 10 mm)
Optical system	Double beam (1200 lines/mm grating)
Wavelength Range	190-1100 nm
Wavelength Accuracy	± 0.3 nm
Wavelength Repeatability	± 0.1 nm
Scanning Speed	Fast, Medium, slow (Max. 3000 nm/min)
Photometric Range	-0.3 ~ 3A, 0~200%T, 0~9999C
Photometric Accuracy (T)	± 0.2%T (0-100 %)
Photometric Accuracy(A)	≤±0.002A(0~0.5A), ≤±0.004A(0.5~1A), ≤±0.006A (>2.0)
Photometric Repeatability	≤0.15% T (0-100%), 0.001A (0-0.5A),0.002A (0.5-1 A)
Stability	± 0.0003 A/h @500 nm
Baseline Flatness & noise	± 0.0010A, 0.0005A @500nm
Stray Light	<0.03 %T @220 nm , 360 nm
Data Output	USB / RS232
Printer Port	Parallel Port
Display	7" Colour LCD
Lamps	D2 and Tungsten Halogen lamp
Detector	Silicon Photodiode
Power supply	AC 220 V / 50 HZ
Dimension & Weight	590 x 475 x 250 mm & 20 kg
Optional	8-cell holder , peltier/ sipper system, reflection accessories , 21 CFR software

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