Spectro UV-VIS Double Beam PC Scanning Spectrophotometer

Model UVD-2950

Software Specifications

Spectro UV-Vis Double PC (Model UVD-2950) is a UV-Vis performance beam automatic scanning spectrophotometer double height. This is a (2) two-cell spectrophotometer, now with a new and improved bandwidth 1 nm! . Model UVD-2950 spectrophotometer offers high performance, ease of use and reliability, which can be used in various applications. Model UVD-2950 spectrophotometer can be used extensively for qualitative and quantitative analysis in such fields as pharmaceutical inspection, clinical analysis, petrochemical laboratories, laboratories of chemistry and biochemistry, DNA / RNA as well as in quality control departments ie environmental control, water management, food processing and agriculture.

Spectro UV-Vis Double PC (Model UVD-2950) uses a new optical system design and is microcomputer controlled. With its focused beam, the system provides optimal and reproducible results for small samples. The sample beam and the reference beam are provided on the same sample space, which in turn facilitates wider and longer exploration of the data that provide a more detailed view of the results in a user friendly environment. This instrument has excellent initial stability and high resolution and allows exploration, quantitative analysis, kinetic spectrophotometric analysis, protein, nucleic acid, DNA / RNA, micro and macro through the PC control measurements. This product is able to process the data, spectrum analysis and testing.

Spectro UV-Vis Double PC (Model UVD-2950) features a large LCD screen that displays the menu screen and, of course, makes the device user friendly. This team also has a powerful integrated software allows the device to be connected to a computer and a printer to show Photometric and Spectral data in the computer screen. Labomed, Inc. is certified by ISO-9001-2008, has CE Conformity and is FDA Licensed. Spectro UV-Vis Double PC (Model UVD-2950) with fixed bandwidth of 1 nm is a high performance tool for value, reliability and exceptional that is the hallmark of UV-Vis spectrophotometers.

This Spectro can be used alone or linked to a PC and comes with a USB interface to connect to the computer.

Technical Specifications

Wavelength:	190 nm - 1100 nm	Reference:	0.0008Abs / h (2 hours of heating, the bandwidth of 2 nm, 500 nm)
Spectral bandwidth:	1nm	Homicide rate wavelength stability:	3600nm/min
Resolution:	1nm	DNA / RNA measurement:	Print Results: The print data
Straylight:	> 2.10Abs (200nm)		Measured with any printer
Wavelength accuracy:	± 0.3 nm (with automatic wavelength)		Available parallel port connection.
Wavelength Clone:	± 0.2 nm	Central America:	Compact and standalone spectrophotometer
Photovoltaic system:	Double-beam optical system		mainframe
Optical Optical method:	Transmittance, absorbance, energy, and focus	Light Source:	Socket Deuterium Lamp and Socket Tungsten
Range:	-0.3 ~ 3.0 Abs		Halogen Lamp
Optical Resolution:	± 0.002Abs (0 ~ 0.5), 0.004Abs ± (0.5 ~ 1.0)	Detector:	Double Beam
	± 0.3% T (0 ~ 100% T)	Showroom:	2 cell holder
Cloning optical	± 0.001Abs (0 ~ 0.5), 0.002Abs ± (0.5 ~ 1.0)	Screen	Liquid crystal display
	± 0.15% T (0 ~ 100% T)		(320-240 LCD dot matrix)
Optical display:	-9.999 9.999 ----	Keyboard:	Touch soft keys
Optical Noise:	± 0.001Abs (500 nm to 2 nm spectral bandwidth Abs 0)	PC interface:	PC Interface: RS-232, USB
Scanning speed:	1400nm/min	Size:	22 "x 16" x 10 "
Flatness Base:	± 0.002Abs	Weight:	55 Lb

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