



Spectro UV-VIS Dual Beam PC Scanning Spectrophotometer

UV-VIS Split Beam 8 Auto Cell

Models UVS-2700 and UVS-2800



Spectro UV-Vis Split Beam PC (Models UVS-2700 & UVS-2800) is a precise scanning spectrophotometer with a new design of an eight (8) automatic microprocessor with 2 row cell holder for precision testing and noiseless movement. UVS-2800 has a variable bandwidth ranging from 0.5, 1.0, 2.0 and 5.0 nm. and Spectro UVS-2700 has 1nm bandwidth. Both Spectros feature a dual detector, which in turn makes it an extremely accurate system. This spectrophotometer has a large LCD display, which can function independently, or, in the alternative it can be linked to a computer and a printer. With the RS-232C and USB ports and the included software, **the instrument can be linked to a computer**, which is compatible with Windows XP, 7, and 8, and a printer to display the photometric and spectral data on the PC monitor. Spectro UV-Vis Split Beam PC (Model UVS-2800) offers **high performance, ease of use and reliability**, which can be used in various applications. Spectrophotometer Model UVS-2800 can be used extensively for qualitative and quantitative analysis in such fields as pharmaceutical laboratory, agricultural laboratory, research industry, inspection, clinical analysis, petrochemistry laboratory, chemistry and biochemistry laboratories, **DNA/RNA analysis** as well as in quality control departments, i.e. environmental control, water management, and food processing. Spectro UV-Vis Split Beam PC (Models UVS-2700 & UVS-2800) is also capable of performing kinetic test through the use of an optional Peltier Constant Temperature System. Additionally, this instrument **can analyze flow through liquid with the use of the optional Sipper Flow Through System**. There are 2 models of Spectro UV-VIS Double PC 8 Auto Cell available to the public:

- 1) Spectro UV-Vis Split Beam PC (UVS-2700) has fixed bandwidth of **1 nm**
- 2) Spectro UV-Vis Split Beam PC (UVS-2800) has variable bandwidth of **0.5, 1.0, 2.0, and 5.0**

OUR NEW SOFTWARE UV-WIN 6.0 WITH 3D SPECTRA Now all Labomed, Inc. split and double beam spectrophotometers with our newly developed software called UV-Win 6.0 can be used with Windows XP, Windows 7 and Windows 8. It is capable of testing more applications with its RS-232 and USB connections, and supports the data export of measured results to the PC and then flash drive, when additional data storage is required. One of the new features is that it provides 3-D graphing of the spectral results.

Labomed, Inc. is certified by ISO-9001-2008, has CE Conformity and is FDA Licensed. **This Spectro comes with a USB port interface and cable to link to a PC.**

Features

- **Baseline Stability:** The Split-beam monitoring ratio system enhances baseline stability.
- **Excellent Resolution:** The big-caliber light path enhances the instrument's energy, reduces its noise and raises its resolution performance.
- **Automatic successive measurement:** The automatic eight-cell sample holder offers the automatic measurement of eight samples in succession. So it can bring about one-touch measurement of the solution of seven samples and a blank.
- **User-friendly light source:** The socket deuterium lamps and tungsten lamps facilitate light source replacement, simplify maintenance and reduce operation error.
- **Convenient Display:** The large backlit LCD screen displays both photometric values and spectral curves.
- **Full use of Computer Technology:** Being computer controlled with RS-232 and USB interface and Windows XP, 7 and 8 with the UVWin 6.0 application software, presents to the fullest of the fascination of modern computer technology.
- **The key components:** adopts from the world famous manufacturer, such as deuterium lamp, silicon photodiode and holographic grating, which ensures the stabilization and credibility of the Instrument for extended life.
- **Computer System is optional (NOT INCLUDED).**

Accessories

- 8 Auto Cell Holder
- 8 Optical Glass Cells 10mm.
- 2 Quartz Cells 10mm.
- 1 Dust cover
- 1 Instruction manual
- 1 Power cable
- 1 PC cable
- 1 Software CD for Windows XP, 7 and 8
- 1 Software Operation Manual
- 1 Spare Tungsten Halogen Lamp
- 1 Block Light Cell
- 1 Extra fuse
- OPTIONAL:** Peltier Kinetic Test System
- OPTIONAL:** Sipper Flow Through System