



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, if required, a USB 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, offering a wide range of uses and applications.
- **The key components:** Adopted from the world famous manufacturer, such as deuterium lamp, silicon photodiode and holographic grating, they ensure the stabilization and credibility of the Instrument for extended life.
- **Computer System is optional (NOT INCLUDED).**

Accessories

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