



SPECTRO-UV5



SPECTRO-UV5/UV6, Double Beam UV/VIS Spectrophotometers
SPECTRO-UV5/UV6 UV/Vis spectrophotometer is high-mid level products. Split double beam design. large color screen design, external connection tablet computer based on Windows operating system via Bluetooth. Powerful functions. rich interface, simple operation, suitable for scientific research, biotechnology, pharmaceutical, food, environmental protection & other field.

Split Double Beam Design:
Can monitor light source changes. compare the reference light path, then record the measurement results, and then can minimize the measurement error caused by the light source.

Wireless Connected Tablet PC:
Based on the Windows tablet computer operating system. connect instrument through the Bluetooth wireless connection, rich data interface (USB, WIFI, Bluetooth, HDMI etc.), convenient for users to connect the universal printer, memory card. mouse, keyboard, display & so forth.

Color Touch Screen:
8 inch high resolution capacitive color touch screen. Support multiple points touch. Combined with the friendly interface, a nice working experience for user!



GLP/GMP:
The instrument design was completely followed by GLP/GMP. Build-in perfect user management, data storage, traceability and other functions.

Extensive Accessories:
Instrument can be convenient to use 8-cell Automatic holder, Peltier/Sipper System, Reflection accessories & so forth. greatly expanding the application field of the instrument.

Quality Assurance:
The base is made of aviation material, one time die casting. The shell is made of high strength material. the precision injection molding process is more beautiful. Strong, to ensure the accuracy of the instrument, reliability and durability.

Application Function:
Photometric Measurement
Testing Abs. or %T at one wavelength

Multi-wavelength Measurement
Testing Abs. or %T under several different wavelengths, and calculate the values with build-in or custom methods

Time Scanning
Test the variability of Abs or %T with time at any wavelength

Kinetics
Test Abs at any wavelength in some time. It can used to monitor the reaction of enzyme with time, then calculate the activity of enzyme. It can also calculate the reaction rate of sample by setting the differential interval time

Quantitative Measurement
Establish calibration equation curve with standard samples or input known formula directly, then testing the unknown sample concentration with the curve. Support the use of built-in or custom methods to establish standard curves.

DAN/Protein Measurement
Testing concentration of DNA.RNA.Protein with suitable methods.

Spectrum Scanning
Scanning the full wavelength with suitable interval to get the Abs or %T, and checking peak. valley and processing the spectrum using the built-in method.

Custom Method
Customize the calculation methods according the user's requirement. and applied to the corresponding measurement mode.

Models	SPECTRO-UV5	SPECTRO-UV6
Optical System	Split Double Beam	
Light Source	D2 Lamp, Deuterium Lamp	
Wavelength Range	190 – 1100nm	
Spectrum Bandwidth	1.8nm	1nm
Spectrum Scanning	Yes	
Display	8 Inch Color Touch Screen	
Operation System	Microsoft Windows	
Output	USB, Bluetooth WIFI, HDMI	
Language	10 Languages, Can Be Switched (English, German, French, Spanish, Portuguese, Italian, Russian, Chinese, Japanese, Korean)	