



**Spectro-X5PC**

## Spectro-X7PC/X8PC/X9PC, Double Beam UV/VIS Spectrophotometers

### Double Beam Design:

Double beam can monitor the sample and blank variability at the same time, and the measurement results are recorded accurately, then reduced measurement error to minimum.

### Flashing Xenon Lamp:

Xenon flash lamp has a very strong energy in the ultraviolet and visible region, can start testing directly without preheating. And has characters such as very low power consumption, ultra long life and no heating ... can be guaranteed at least 3 years for the lamp the normal measurement. It's very easy for maintenance, the use of low cost.

### Computer Control:

Computer based on Windows operating system, rich data interface (USB, Bluetooth, WIFI, Ethernet, HDMI, VGA, etc.), to facilitate the user to connect the printer, memory, mouse, keyboard, display and other peripherals, and can be extended

### Color Touch Screen:

0.1 inch high resolution capacitive color touch screen. Support I O point touch. Combined with the friendly interface, a nice working experience for users.

### GLP/GMP:

The instrument design was completely followed by GLP/GMP. Built-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 and so forth, greatly expanding the application field of the instrument.



**New design UI**



**Perfect functions**

### Photometry Measurement:

Measure absorbance and transmission at any defined wavelength.

### Multi-wavelength Measurement:

Measure absorbance and transmission at multiple wavelength and analyze the results by built-in methods.

### Time Scanning:

Determine real-time absorbance & transmission at any defined wavelength.

### Kinetics:

Determine absorbance at any time interval and defined wavelength. It can be used to monitor real-time enzyme reaction & calculate enzyme activity according to the results. The reaction rate of samples can be calculated by setting the interval time.

### Quantitation:

By measuring reference samples and establish standard curve, to determine unknown samples. Support built-in and customized formulation to establish standard curve.

### DNA/Protein Determination:

According to the sample type, chose suitable method to determine DNA, RNA and protein concentration.

### Wavelength Scanning:

Determine full wave length absorbance and transmission at defined wave length interval, generate the graph and search for peaks & valleys, analyze the graph by built-in methods.

### Customized Methods:

Users can adjust the calculation methods upon own requirement and use it in corresponding determining module.

Models	Spectro-X7PC	Spectro-X8PC	Spectro-X9PC
Optical System	Double Beam		
Light Source	Flashing Xenon Lamp		
Wavelength Range	190 – 1100nm		
Spectrum Bandwidth	1.8nm	1nm	0.5/1/2/4/5nm Auto Adjustable
Spectrum Scanning	Yes		
Display	10.1 Inch Coler Touch Screen		
Operation System	Microsoft Windows		
Output	USB, Ethernet, HDMI, VGA, WiFi (Optional), Bluetooth (Optional)		
Language	10 Languages, Can Be Switched (English, German, French, Spanish, Portuguese, Italian, Russian, Chinese, Japanese, Korean)		