

10 years experience
45000+ instruments


LC-Instru



Precision™ Series
UV/Vis Spectrophotometer

P7/P8/P9 Double Beam UV/Vis Spectrophotometer



10 years experience for UV/Vis Spectrophotometer design&manufacturing.60% selling to EU, US, Japan, Russia and other 80 countries. 45000+ sets stable working instrument --the guarantee of quality!



P7/P8/P9 Double Beam UV/Vis spectrophotometer

P7/P8/P9 UV/Vis spectrophotometer is the high level products in P series. Double beam with large color touch screen based Windows operation system with rich interface, easy to operate, it's the right choice for scientific research, biology, pharmaceutical, food, environmental protection and other areas.

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.

Built-in Computer

Built-in computer with Windows operating system, based on the rich data interface (USB, Ethernet, HDMI, VGA etc.), convenient for users to connect the universal printer, memory card, mouse, keyboard, display and so forth, and can be extended to WIFI, Bluetooth and other wireless devices.

Color Touch Screen

10.1 inch high resolution capacitive color touch screen. Support 10 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.



Double Beam

High Precision
High Stability

D2 Lamp.
Tungsten Lamp

Stable,
Accuracy

Built-in
Computer

Based
Windows

Color
Touch Screen

Friendly
Interface

GLP/GMP

Data Traceable

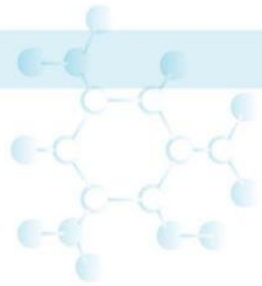
DOMINIQUE

SAS

P7/P8/P9 Double Beam UV/Vis Spectrophotometer



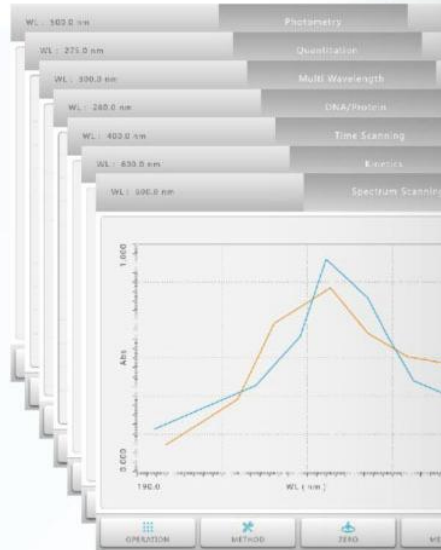
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DOMINIQUE DUTSCHER SAS



New design UI



Perfect functions



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 build-in method.

Custom Method

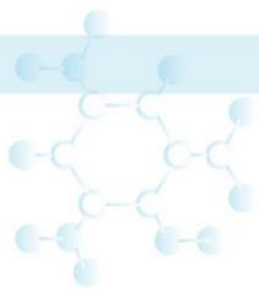
Customize the calculation methods according the user's requirement, and applied to the corresponding measurement mode.



P5/P6 Split Double beam UV/Vis Spectrophotometer



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P5/P6 Split Double Beam UV/Vis spectrophotometer

P5/P6 UV/Vis spectrophotometer is high-mid level products in P series. Split double beam design, large color screen design, external connection tablet computer based on Windows operating system via Blue tooth. Powerful functions, rich interface, simple operation, suitable for scientific research, biotechnology, pharmaceutical, food, environmental protection and 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 and 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 and 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

Split Double Beam
High Precision,
High Stability

**D2 Lamp.
Tungsten Lamp**
Stable,
Accuracy

**Built-in
Computer**
Based
Windows

**Color
Touch Screen**
Friendly
Interface

GLP/GMP
Data Traceable

P5/P6 Split Double Beam UV/Vis Spectrophotometer



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No.	Abs	Conc (mg/ml)	Date
0001	0.3041	10.045	2016/09/09 13:01:0
0002	6.1264	19.994	2016/09/09 13:01:0
0003	6.2501	40.002	2016/09/09 13:01:0
0004	6.4873	81.031	2016/09/09 13:01:0
0005	6.9732	158.117	2016/09/09 13:01:0

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Multi-wavelength Measurement

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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.

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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

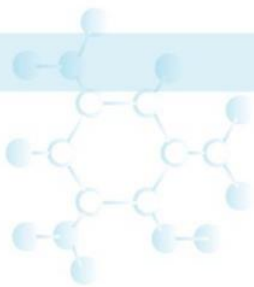
Scanning the full wavelength with suitable interval to get the Abs or %T, and checking peak, valley and processing the spectrum using the built-in method.

Custom Method

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



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P1/P2/P3/P4 Single Beam UV/VIS spectrophotometer

P1/P2/P3/P4 UV/Vis spectrophotometer is the low-end products in P series. Instruments using a single beam design, large color touch screen, easy to operate, suitable for education, biology, pharmacy, food, environmental protection and other areas.

High Precision Design

High precision single beam spectrophotometer is a high precision signal processing system with its own patent and a high precision power supply stability system, can minimize the measurement error.

Color Touch Screen

5 inch high resolution capacitive color touch screen. Combined with the friendly interface, a nice working experience for user.

Rich Software Functions

The embedded control software can meet the requirements of users for the general application of photometric, quantitative and spectral scanning, and can also be used to expand the application function of the instrument based on Windows by USB.

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.

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.

Accuracy
Single Beam

High Precision,
High Stability

D2 Lamp.
Tungsten Lamp

Stable, Accuracy

Color
Touch Screen

Friendly
Interface



DOMINIQUER OPTICHER SAS

Main Specifications

Model	P1 PV1	P2 PV2	P3 PV3	P4 PV4	P5	P6	P7	P8	P9
Appearance									
Optical System	Single Beam				Split Double Beam		Double Beam		
Light Source	D2 Lamp, Tungsten Lamp Tungsten Lamp				D2 Lamp, Tungsten Lamp				
Wavelength Range	195 - 1050 nm 320 - 1050 nm		190 - 1100 nm 315 - 1100 nm		190 - 1100 nm				
Spectrum Bandwidth	4 nm	2 nm	4 nm	2 nm	1.8 nm	1 nm	1.8 nm	1 nm	0.5/1/2/4/5 Auto Adjustable
Spectrum Scanning	No				Yes				
Display	5 Inch Color Touch Screen				8 Inch Color Touch Screen		10.1 Inch Color Touch Screen		
Operation System	/				Microsoft Windows				
Output	USB, Serial Port, Bluetooth (Optional)				USB, Bluetooth, WIFI, HDMI		USB, Ethernet, HDMI, VGA, WIFI (Optional), Bluetooth (Optional)		
Language	6 Languages, Can Be Switched (English, German, French, Spanish, Portuguese, Simplified Chinese / Russian)				10 Languages, Can Be Switched (English, German, French, Spanish, Portuguese, Italian, Russian, Chinese, Japanese, Korean)				

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