

SPECTROPHOTOMETER UV/VIS 6000 Smart Touch Screen

Intelligent Alarm function
System Encryption
Display several groups of data at the same time for direct reading.
Module design for easy operation
New panel with touch screen



Feature and Functions

- ◆ 800*480* high-definition touch screen clearly shows test results and graphs.
- ◆ Powerful data analysis system with internal computer host could realize multi functions independently. Like establishing calibration curve, photometric measurement, quantitative measurement, spectral scanning. Kinetics, coefficient method and data printing.
- ◆ Optical system adopts suspension design. All optical parts are independently fixed on the 8 mm thick aluminium deformation-free base to avoid the impact of bottom deformation and outside deformation and outside vibration on optical system. This premium design greatly improved the stability and reliability of the instrument.
- ◆ Convenient data storage and printing function. The UV-6000 can be directly connected to the printer A4 format data and graph printing
- ◆ Automatic power on self-test and system positioning function could inspect and calibrate the deviation before every use.
- ◆ All test data and analysis report can be exported to USB disk directly
- ◆ Supplied with cel holder for 4 x 10 mm path light with change by external control

Technical Specification

Parameters	Features	Parameters	Features
Wavelength Range	190 -1100 nm	Baseline flatness	± 0,001 A
Spectral Bandwidth	1,8 nm	Noise	± 0,0005 A
Wavelength Accuracy	± 0,5 nm	Display	7 Inches Smart touch screen
Wavelength Repeatability	≤ 0,2 nm	Data Out pout Ports	USB Port
Stray Light	≤0.05 % T@220 nm,360 nm	Printer port	USB Port
Photometric Accuracy	± 0,2 %T (0-100 % T), ± 0,002 A (0-0,5 A)	Light source	Halogen W & Deuterium D2
Photometric Repeatability	≤0,1 % T (0-100 % T),0,001 A (0-0,5 A), ± 0,002 A(0.5-1,0 A)	Powers Requirements	AC 220 V/50 Hz or AC 110 V/60 Hz
Stability	± 0,001 A/h @ 500 nm	Detectors	Silicon Photodiode
Photometric Range	0-200 ° T, - 0,3-3,0 A, 0-9999 C	Size	460*380*180 mm
		Weight	20 kg

Standard Accessories

4 Glass cuvettes 10 mm path light ◆ 2 Quarts cuvettes 10 mm path light ◆ User´s Manual ◆ Dust Cover

Ordering information

Code	Description
6.6000.00	Spectrophotometer UV/VIS 6000. Smart Touch Screen. Band width 1,8 nm
6.8000.01	Optional PC software to comply with 21 CFR PART 11
6.6900.03	Halogen lamp
6.6900.08	Deuterium lamp



Ultraviolet lamp D2



10 mm 8-hole motorized cell holder

Accessories

Code	Articles
6.3200.02	10 mm 4-hole cell holder
6.3200.03	50 mm 4-hole cell holder
6.3200.04	100 mm 4-hole cell holder
6.3200.04	10 mm 1-hole cell holder for water circulation
6.6900.02	10 mm 8-hole manual cell holder
6.6900.01	10 mm 8-hole auto cell holder
6.3200.05	Adjustable cell holder for micro cuvettes
6.3200.06	Transparent film holder
6.3200.07	Test tube holder 25 mm Ø maxim
6.3200.08	Peltier system
6.3200.09	Sipper system
6.3200.10	Peltier / Sipper system
6.6900.07*	Micro printer



Cuvettes

Code	Articles
6.3200.11	Glass cuvette with lid 1,7 ml, path light 5 mm, set 4 pcs
6.6900.05	Glass cuvette with lid 3,5 ml, path light 10 mm, set 4 pcs
6.3200.12	Glass cuvette with lid 7 ml, path light 20 mm, set 4 pcs
6.3200.13	Glass cuvette with lid 10,5 ml, path light 30 mm, set 4 pcs
6.3200.15	Glass cuvette with lid 17,5 ml, path light 50 mm, set 4 pcs
6.3200.16	Glass cuvette with lid 34 ml, path light 100 mm, set 4 pcs
1.9363.00	Plastic cuvette with lid 3,5 ml, path light 10 mm, set 100 pcs
6.4000.01	Quartz cuvette with lid 1,7 ml path light 5 mm, set 2 pcs
6.6900.06	Quartz cuvette with lid 3,5 ml path light 10 mm, set 2 pcs
6.4000.02	Quartz cuvette with lid 7 ml path light 20 mm, set 2 pcs
6.4000.03	Quartz cuvette with lid 10,5 ml path light 30 mm, set 2 pcs
6.4000.05	Quartz cuvette with lid 17,5 ml path light 50 mm, set 2 pcs
6.4000.06	Quartz cuvette 34 ml path light 100 mm, set 2 pcs
6.4000.07	Micro cuvette 12.5*12.5*45, 100 µl, set 2 pcs
6.4000.08	Micro cuvette 12.5*12.5*45, 200 µl, set 2 pcs
6.4000.10	Micro cuvette 12.5*12.5*45, 700 µl, set 2 pcs

Distributor: