Double Beam UV/Vis Spectrophotometer	UV-Vis-8000TP

Features

- Double beam optical path and dual detector for high resolution

- Best grating for low stray light, and improved the stability and reliability

- 10″ touch screen, 32G memory, Bluetooth

- Three modes of Host, Computer and Mobile App

- Multiples functions on spectrophotometer, wavelength scanning, standard curve, kinetics, multiple wavelength scanning, DNA/Protein

- Solid Aluminum optical breadboard 16mm thick ensure stability and reliability

- Auto calibration function, Auto calibrate baseline, wavelength, dark current to standard curve

- USB & Parallel Port, Easy data storage and printing function

- Hamamatsu Tungsten & Deuterium Lamp

- GMP / GLP Laboratory Compliance

- Optional 8-cell Holder, Micro cuvettes, Thermostatic sampling, reflectance accessories

- 3D Graphs display

Description

UV-Vis-8000TP Double beam UV-Vis Spectrophotometer with large 10″ touch screen

Application

- Quality control

- General research

- Pharmaceuticals

- Biochemical and clinical laboratory applications.

Technical Specification

Model	UV-Vis-8000TP	UV-8000TP plus
Wavelength Range	190-1100nm	
The spectral bandwidth	1.8 nm	0.5, 1.0 2.0, 4.0nm
Wavelength Accuracy	±0.1nm(D2 656.1nm),±0.3 nm full range	
Stray light	0.03%T @ 220 nm, 360 nm	
Wavelength Repeatability	≤0.1nm	
Photometric Accuracy	±0.2T(0-100%T) ±0.002Abs(0-0.5Abs) ±0.004Abs(0.5-1.0Abs）	
Photometric Repeatability	≤0.05%6T(0-100%6T) 0.001Abs(0-0.5Abs) 0.002Abs(0.5-1.0Abs)	
Stability	≤0.0005A/h@250nm, 500nm	
Photometric Range	0-200%T, -0.3-3.0A, 0-9999C	
Baseline flatness	±0.0008A	
Display	800*480 touch screen	
Output	USB port & Parallel Port	
Light source	Tungsten & Deuterium Lamp	
Power Requirements	AC 220V/50Hz or AC 110v/60Hz	
Detector	Silicon Photodiode	
Dimension	630*430*210nm	
Weight	28kg	

Standard Accessories

Item	Description	Quantity	Unit
1	Spectrophotometer	1	set
2	1cm Glass cuvette	4	pcs
3	Power cord	1	pcs
4	User's Manual	1	pcs
5	1 cm quartz cuvette	2	pcs
6	Dust Cover	1	pcs

Product data information is current as of publication data. Products conform to specifications per the terms of Optosky Standard warranty.

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