

# Screen Touch Double Beam UV Vis Spectrophotometer



## Overview

### Dual Optical System

Designed to conserve bench space, our product offers the measurement range of 190-1100nm at bandwidth of 1.8nm and 2nm. Engineered for a wide range of applications, our systems provide dependable performance and reliable results. It produces the photometric range of -0.3 to 3 A; 0-200 %T and photometric accuracy of  $\pm 0.2\%T$  which makes it suitable for various quantitative assays.

## Basic Features

- Dual optical path, dual beam optical system, dual detector, using high performance imported grating, lower stray light, stronger stability, reliability, more accurate analysis
- use 10 " touch screen, built-in 32G memory, support Bluetooth connection network
- powerful data analysis function, internal computer of the host, can input calibration curve, can independently complete photometric measurement, quantitative measurement, spectral scanning, dynamics, DNA/ protein testing, multi-wavelength testing and data printing functions
- Adopt the optical system suspension design, the whole optical path is independently fixed on the 16mm thick aluminum deformation-free base, the deformation of the bottom plate and the vibration of the outside have no impact on the optical system, thus greatly improving the stability and reliability of the instrument
- With powerful storage function, the instrument can be directly connected to the printer for A4 format data and graph printing
- With automatic startup verification and system positioning functions, to repair the deviation caused by long-term application
- Data can be exported to U disk

## APPLICATIONS

Most suitable for quantitative determination assays and toxicological assays in environmental, industrial, pharmaceutical fields.

## SPECIFICATIONS

<b>Wavelength Range</b>	190-1100 nm
<b>Wavelength Accuracy</b>	±0.1 nm(D2 656.1NM),±0.3 nm full range
<b>Wavelength Repeatability</b>	≤0.1 nm
<b>Spectral Bandwidth</b>	1.8 nm
<b>Photometric Range</b>	0-200%T, -0.3--3A, 0-9999C
<b>Photometric Accuracy</b>	±0.2T (0-100%T)
<b>Photometric Repeatability</b>	≤0.05 %T(0-100%T); ±0.001Abs (0-0.5Abs); ±0.002Abs (0.5-1.0Abs);
<b>Stability</b>	±0.004A/h at 500 nm
<b>Baseline Flatness</b>	±0.001A
<b>Stray Light</b>	0.03 %T220 nm, 360nm
<b>Light Source</b>	Tungsten and Deuterium Lamp
<b>Detector</b>	Silicon Photodiode
<b>Software</b>	USB
<b>Gross Dimension (W/D/H)</b>	630x430x210 mm
<b>Display</b>	800x480 touch screen
<b>Noise</b>	±0.0004 A
<b>Weight (Net/Gross)</b>	28 kg
<b>Power Supply</b>	220V/50Hz 110V/60Hz



This series has high resolution colored capacitive touch screen and newly developed UV software with strong functions, which make the operation simple and easy.

Touch Screen Display



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Dealer Details