Double Beam UV VIS Spectrophotometer TRDUV-601

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Description

Double Beam UV VIS Spectrophotometer TRDUV-601is a new optical platform with excellent metering accuracy and stability. With a wavelength range of 190 to 1100nm and a spectrum bandwidth of 2 nm, it is equipped with advanced hardware and software design. It has an 8-inch color touch screen and a user-friendly interface. It is simple to use. It has a photometric range of 0.0 to 200.0 percent T, -0.301 to 4.000A, 0.000 to 9999C, and a photometric accuracy of 0.3 percent T, 0.002Abs (0 to 0.5A), and 0.004Abs (0 to 0.5A) (0.5 to 1A).

Features:

New optical platform with excellent optical properties, metering performance, low stray light and noise, high meter reading precision, and reliability for the host system

One-of-a-kind deuterium and tungsten lamp configuration method that enables the light source to automatically switch to the best position

Makes it easier for users to operate, replace, and maintain the instrument conveniently, precisely, and securely

Advanced hardware and software design, allowing the instrument to perform functions

Automatic scanning of the measured spectrum and multi-wavelength measurement will provide excellent spectroscopic computation and storage capabilities, 13? kinetic measurement, curve fitting, derivative spectra, printing and storage of spectra, and data analysis

The 8-icolorlour touch screen with a good user-machine interface is simple to use

USB data transmission port

Specifications :

Baseline Drift	± 0.0004 Abs / h
Baseline Flatness	? ± 0.0008A(200 to 1090 nm)
Com Port	USB
Detector	Silicon Photocell
Grating	1600 lines/mm
Light Source Switching Wavelength	340 nm
Light Source	Hamamatsu D2 lamp, Osram halogen tungsten lamp.
Monochromatic Type	Czerny-Turner
Noise	100%(T) noise ? 0.1% (T), 0% (T) noise ? 0.02% (T)
Packing Size	740 mm×630 mm×450 mm
Photometric Range	0.0 to 200.0% T -0.301 to 4.000 A 0.000 to 9999 C
Photometric Repeatability	? 0.15% T 0.001Abs (0 to 0.5A) 0.002Abs (0.5 to 1A)
Photometric Accuracy	± 0.3% T ± 0.002Abs (0 to 0.5A) ± 0.004Abs (0.5 to 1A)
Power	AC220v± 22v, 50Hz± 1Hz, 200W
Spectrum Bandwidth	2 nm
Stray Light	? 0.02% (measured by NaI at 220 nm) (measured at NaNO2 at 360 nm)
Wavelength Accuracy	± 0.3 nm
Wavelength Range	190 to 1100 nm
Wavelength Repeatability	? 0.1 nm
Wavelength Scanning Speed	Fast, medium, and slow
Weight	35 Kg, 0.21 m^3

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