



Single Beam UV VIS Spectrophotometer TRSUV-607

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Description

Single Beam UV VIS Spectrophotometer TRSUV-607 is a small device with a 7-inch multi-color touch screen. It has an automatic wavelength range of 325 to 1100 nm as well as a bandwidth of 4 nm. Having patented technology that allows for simple and effective human-computer interaction with a clear display of test data It has a photometric range of 0.0 to 200.0 % T, -0.301 to 4.000A, and 0.000 to 9999 C with an accuracy of $\pm 0.5\%$ T. It includes a sample compartment for 5 to 50 mm cuvettes. Delivered with a wavelength scanning Speed.

Features:

7-inch multi-color touch screen and patented technology for simple and effective human-computer interaction with clear test data display

A built-in thermal printer for printing test results and facilitating the creation and storage of data reports

A USB communication port and UV professional data processing software enables data processing and mapping functions

The storage of large amounts of data files, and help customers with a second development

Sample compartment for 5 to 50mm cuvettes

Automatic wavelength selection, which is both quick and accurate

Scanning kinetic time scanning, automatic wavelength, linear regression, direct concentration readout, peak detection, regular printing, and so on

Power shutdown protection measures that are advanced to memorize detector data and regression

To achieve fast initialization, the equation and instrument correction parameters must be known ahead of time

Lifelong safety for tungsten and deuterium lamps

Specifications :

Baseline Drift	± 0.002 Abs / 30 mins (500nm after preheat warm up for 2 hours)
Baseline Flatness	± 0.003 A(335 to 1090 nm)
Detector	Silicon Photocell
Focal Length	160 mm
Grating	1200 lines/mm
Monochromatic Type	Czerny-Turner
Noise	100%(T) noise $\pm 0.5\%$ (T), 0% (T) noise $\pm 0.2\%$ (T)
Packing Size	630 mm×610 mm×500 mm
Photometric Accuracy	$\pm 0.3\%$ T, ± 0.002 Abs (0 to 0.5 A) <hr/> ± 0.004 Abs (0.5 to 1 A)
Photometric Range	0.0 to 200.0 % T <hr/> -0.301 to 4.000 A <hr/> 0.000 to 9999 C
Photometric Repeatability	$\pm 0.15\%$ T, 0.001Abs (0 to 0.5 A) <hr/> 0.002Abs (0.5 to 1 A)
Photometry	Single Beam
Power	AC220 V ± 22 V, 50Hz ± 1 Hz, 100 W
Spectrum Bandwidth	4 nm
Stray Light	$\pm 0.1\%$ T(measured at NaNO ₂ at 360 nm)
Wavelength Accuracy	± 1 nm
Wavelength Range	325 to 1100 nm
Wavelength Repeatability	± 0.5 nm
Wavelength Scanning Speed	Fast, medium, slow
Weight	0.16m ³ , 25 Kg



