Single Beam UV VIS SpectrophotometerTRSUV-607

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Overview

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 ± 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 ? 0.5% (T), 0% (T) noise ? 0.2% (T)
Packing Size	630 mm×610 mm×500 mm
Photometric Accuracy	± 0.3% T, ± 0.002Abs (0 to 0.5 A) ± 0.004Abs (0.5 to 1 A)
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 0.5 A) 0.002Abs (0.5 to 1 A)
Photometry	Single Beam
Power	AC220 V ± 22 V, 50Hz ± 1Hz, 100 W
Spectrum Bandwidth	4 nm
Stray Light	? 0.1% T(measured at NaNO2 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	0.16m³, 25 Kg

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