



Single Beam UV VIS Spectrophotometer TRSUV-605

www.shakerdeals.com | info@shakerdeals.com

Description

Single Beam UV VIS Spectrophotometer TRSUV-605 is a small device with a 7-inch multi-color touch screen. It has an automatic wavelength range of 190 to 1100 nm as well as a bandwidth of 2 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 0.3 % T, 0.002Abs (0 to 0.5A) and 0.004Abs (0 to 9999 C) (0.5 to 1A). 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 :

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| Baseline Drift | ± 0.002 Abs / 30 mins (250 nm and 500 nm after preheating warm-up for 2 hours) |
| Baseline Flatness | ? ± 0.003 A(200 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 4.000A, 0.000 to 9999C |
| 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, 180 W |
| Spectrum Bandwidth | 2nm |
| Stray Light | ? 0.1% (at 220 nm NaI ; at 360 nm NaNO ₂) |
| Wavelength Accuracy | ± 1 nm |
| Wavelength Range | 190 to 1100 nm |
| Wavelength Repeatability | ? 0.5 nm |
| Wavelength Scanning Speed | Fast, medium, slow |
| Weight | 0.16m ³ , 25 Kg |



Dallas Parkway Plano TX 75093, USA
Email: info@shakerdeals.com | Website: www.shakerdeals.com