Single Beam UV VIS SpectrophotometerTRSUV-601

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Description

Single Beam UV VIS SpectrophotometerTRSUV-601 is a versatile device with blazed holographic gratings and an 8-inch multi-color touch-screen that allows for the setting and viewing of parameters with such a wavelength range of 190 to 1100 nm and then a frequency band bandwidth of 2 nm. The automated 8-position cuvette holder makes the operation mode easier. It has a photometric accuracy of 0.3 % T, 0.002Abs (0 to 0.5A), and a range of 0.0 to 200.0 % T, -0.301 to 4.000A, and 0.000 to 9999 C. It performs admirably in both qualitative and quantitative testing and has a stray light of ? 0.03%.

Features:

- 8-inch multi-color touch-screen, advanced user interface, powerful functions, and simple operation
- It uses a split-beam survey optical system as well as a blazed holographic display
- Scanning the entire spectrum
- Linear regression analysis
- Extensive frequency band scanning
- Persistence of time-based kinetics
- Measurement of multiple wavelengths
- The zero and full scales are automatically adjusted. A USB port is included
- Gratings they have exceptional test precision and very competitive pricing
- The automated 8-position cuvette holder makes operation easier in each measurement mode
- With its powerful functions, the equipment performs admirably in both qualitative and quantitative testing

Specifications :

Baseline Drift	± 0.0009 Abs / h (250 nm and 500 nm after preheat warm up for 2 hours)
Baseline Flatness	? ± 0.002 A
COM Port	USB
Detector	Silicon Photocell
Focal Length	160 mm
Grating	1200 lines/mm
Monochromatic Type	Czerny-Turner
Noise	100%(T) noise ? 0.15% (T), 0% (T) noise ? 0.1% (T)
Packing Size	740 mm×630 mm×450 mm
Photometric Accuracy	± 0.3% T ± 0.002Abs (0 to 0.5A) ± 0.004Abs (0.5 to 1A)
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 0.5A) 0.002Abs (0.5 to 1A)
Photometry	Split Beam
Power	AC 220 V± 22 V, 50 Hz± 1 Hz, 200 W
Spectrum Bandwidth	2 nm
Stray Light	? 0.03% (measured by NaI at 220 nm) (measured at NaNO2 at 360 nm)
Wavelength Accuracy	± 0.5 nm
Wavelength Range	190 to 1100 nm
Wavelength Repeatability	? 0.2 nm
Wavelength Scanning Speed	Fast, medium, slow
Weight	0.21m³, 35kg

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