



Visible Spectrophotometer TRVS-601

www.axylab.com | info@axylab.com

Overview

Visible Spectrophotometer TRVS-601 is a compact benchtop device. The holographic blazed grating is monochromatic, with high wavelength accuracy, and low stray light. The wavelength ranges from 325 to 1000 nm with an accuracy of 2 nm and a spectrum bandwidth of 2 nm is measured using a microcomputer. It has a 7-inch multi-color touch-screen to view and set parameters. Its photometric value ranges from 0.0 to 100.0 % T, 0 to 1.999A, and 0 to 1999 C, with a ± 0.5 % T accuracy.

Features:

- The monochrome holographic discing diffraction has the advantages of high wavelength accuracy, good monochromaticity, and low stray light
- The intensity testing method now includes the parameter estimation and coefficient methods
- Touchscreen 7-inch multi-color display with a good human-computer interface
- Equipped with a microcomputer measurement system with high T-A alteration accuracy, involuntary adjustment of 0% T and 100% T, concentration factor setting, and direct reading of the concentration
- The T/A switchover is precise and automatic
- Quantification reading was taken with high accuracy, reproducibility, and stability
- The zero and full scales are automatically adjusted
- There is no need for a particle to protect the photoelectric sensor with automatic light gate technology
- This has a USB connection and huge storage capabilities, allowing it to store 30 concentration curves
- Sample compartment for vials ranging in size from 5 to 50mm
- Functions for direct concentration reading and concentration factor setting
- An RS232 port is provided

Specifications :

Cuvette Holder Size	10 mm
Detector	Silicon Photocell
Drift	± 0.5% T/3 min
Focal Length	160 mm
Grating	1200 lines/mm
Monochromatic Type	Littrow
Noise	100%(T) noise ? 0.3% (T), 0% (T) noise ? 0.2% (T)
Packing Size	580×460×340 mm
Photometric Accuracy	± 0.5% T
Photometric Range	0.0 to 100.0% T, 0 to 1.999A, 0 to 1999C
Photometric Repeatability	? 0.2% T
Photometry	Single beam
Power	AC220v±22v,50Hz± 1Hz, 80W
Spectrum Bandwidth	2 nm
Stray Light	? 0.1% (at 360 nm NaNO ₂)
Wavelength Accuracy	± 2 nm
Wavelength Range	325 to1000 nm
Wavelength Setting	Manual Turn Knob
Wavelength Repeatability	? 1 nm
Weight	0.1CBM, 14 Kg



Northeast McClain Road Bentonville AR 72712, USA
Email: info@axylab.com | Website: www.axylab.com