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Visible Spectrophotometer TRVS-601

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Description

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

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