



Micro Spectrophotometer TRMS-605

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Overview

Micro Spectrophotometer TRMS-605 works as a new type of full-wavelength spectrophotometer. With a mode of USB output or network transfer data, having with an electronic manual. It comes with a Light source as long life pulsed xenon flash lamp. With a pre-installation storage spacing of 32 GB. With a Minimum, a sample volume of the cuvette is 20 μ l, with a wavelength range of 190 to 850 nm.

Features:

- Users can save measurement result data and custom methods directly in spreadsheet mode
- 32GB of storage space is pre-installed
- Integrated fiber to prevent fibre breakage due to external force collision, which results in chaotic measurement results
- There is no need to warm up, start testing whenever you want
- Built-in Win10 system, built-in 7-inch high-definition display, full touch operation
- Stainless steel and quartz fiber is used for the platform
- Using a liquid column to identify abnormal function
- The built-in Bluetooth and WIFI allow for remote operation and wireless printing of results
- Two USB ports that can connect to a variety of devices such as mice, keyboards, desktop computers, and so on

Specifications :

Absorbance Accuracy	1% (0.76 absorbance at 350 nm)
Absorbance Range	0.002 to 300Abs (equivalent to 10mm path length)
Cuvette Specifications	1 mm, 2 mm, 5 mm, 10 mm
Detector	2048(CMOS) element linear silicide CCD array
Light Path	1 mm, 0.05 mm (optical path automatic conversion)
Light Source	long life pulsed xenon flash lamp
Min sample volume of the cuvette	20 μ l
Nucleic Acid measurement range	0.2 to 37500 mg / μ l (sa DNA)
Protein measurement range	0.01 to 1120 mg / ml (BSA)
Repeatability	\pm 0.5 nm
Sample base material	stainless steel and quartz fiber
Sample measurement time	less than 3s
sample volume Requirements	0.3 to 2 μ l
Temperature Control	4 to 42 $^{\circ}$ thermostat adjustable temperature error \pm 0.5 $^{\circ}$
The minimum height of the cuvette sample	5 mm
Wavelength Accuracy	\pm 1nm
Wavelength Range	190 to 850 nm
Wavelength Resolution	2 nm (FWHM at Hg 546 nm)



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