

Order Code - 58013



SALIENT FEATURES :

- Nano Spectrophotometer is a basic micro-volume UV spectrophotometer designed (only 3 types of wavelength: 260nm and 280nm) for the measurement of nucleic acids and proteins. It is added a function of bacterium cell concentration detection (Od600)
- Android system operation, 7 inch touch screen no computer, APP soft, simple interface, easy to use
- The data can be printed with built-in printer, the data can output via SD-RAM Card and USB memory
- Measure nucleic acids concentration at 260nm, and purity using the 260/280 ratio. Measure purified protein at 280nm

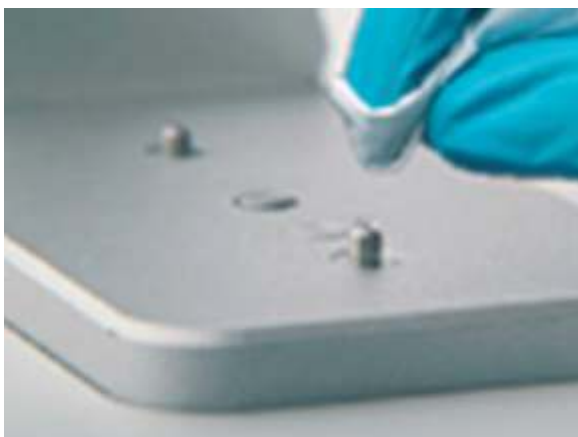
Easy Handling:-



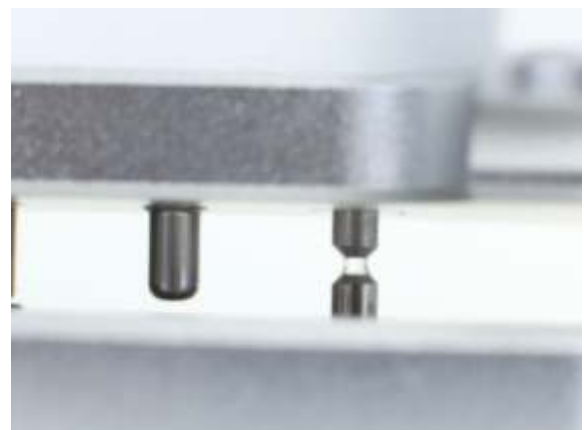
Adding sample



Quick and easy cleaning



Measuring sample



Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

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TECHNICAL SPECIFICATION

Wavelength Range	:	260nm, 280nm
Minimum Sample Size	:	0.5-2.0ml
Path Length	:	0.2mm (High concentration) 1.0mm (Ordinary concentration)
Light Source	:	Xenon flash lamp
Detector Type	:	UV-sillion photocell
Wavelength Accuracy	:	—
Spectral Resolution	:	—
Absorbance Precision	:	0.003Abs
Absorbance Accuracy	:	1% (7.332Abs at 260nm)
Absorbance Range	:	0.02 - 80A
Detects Nucleic Acid up to	:	10-4000ng/u1(dsDNA)
Measurement Time	:	<15S
Sample Pedestal Materia	:	USB
Data Output	:	Aluminum alloy and Quartz fiber
Operating Voltage	:	24V DC
Operating Power Consumption	:	25W
Standby Power Consumption	:	5W
Dimension (W x D x H)mm	:	210 x 280 x 181
Weight	:	3.6kg
Software Compatibility	:	Android System
OD600nm Measurement	:	Light SourceLED
Wavelength Range	:	600±8nm
Absorbance Range	:	0-4A

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