

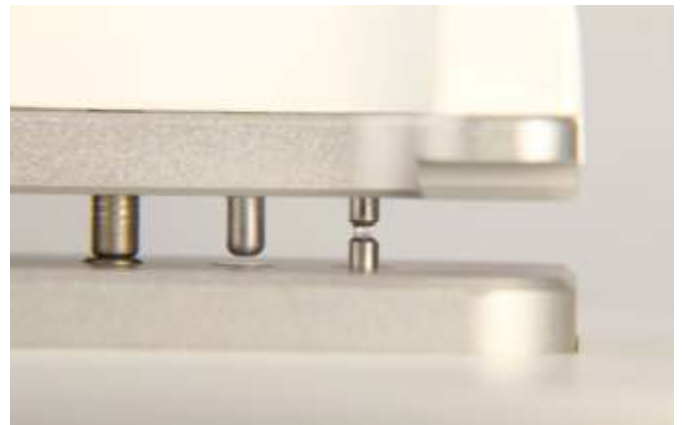
Order Code - 58015



The Nano 58015 is an advanced model of Micro UV VIS Spectrophotometer based on with full range of wavelength (200-800nm). It is with an added new function of bacterium cell concentration measurement (OD600) in a cuvette. The Nano 58015 only requires 0.5-2ul sample to measure nucleic acids, protein as quickly like do. Nano 58015 come with a 7 inch touch screen and integrated Android operating system, with no computer required. It is an ideal equipment for a biology laboratory to make life science research more efficient

FEATURES

- 7 inch touch screen with simple interface. No computer required
- Android operating system with free software update
- Only require 0.5-2ul sample to perform accurate measurements.
- Long life's Xenon flash lamp for up to 10 years
- Flexible data output. The data can be printed with built-in printer, and output via USB memory stick
- OD600 measurement, ideal for bacterial concentration measurement
- Direct micro-volume measurement with 0.5-2ul of sample. Eliminates the need for expensive accessories.
- Wide range of wavelength (200-800nm)
- Turn on and instantly measure without lamp warm up time; Full scan capability from 200-800nm with 6 sec.
- Switch off automatically when the machine is idle for more than 5mins, and awake by touching the screen.



Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

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TECHNICAL SPECIFICATION

Wavelength Range	:	200-800nm
Sample Size	:	0.5-2.0u1
Path Length	:	0.2mm (For high concentration measurement) 1.0mm (Ordinary concentration)
Light Source	:	Xenon flash lamp
Detector Type	:	3864-element linear silicon CCD array
Wavelength Accuracy	:	1 nm
Spectral Resolution	:	£ 3nm (FWHM at Hg 546nm)
Absorbance Precision	:	0.003Abs
Absorbance Accuracy	:	1%(7.332Abs at 260nm)
Absorbance Range	:	0.02 - 100A
Detection Range	:	10-5000ng/u1(dsDNA)
Measurement Time	:	<6s
Dimensions (W x D x H)mm	:	210 x 268 x 181
Data Output	:	USB, SD-RAM Card
Weight	:	2.8kg
Sample Pedestal Material	:	Aluminum alloy and Quartz fiber
Operating Voltage	:	24VDC
Operating Power Consumption	:	40W
Standby Power Consumption	:	5W
Software Compatibility	:	Android System
OD600nm Measurement	:	
Light Source	:	LED
Wavelength Range	:	600±8nm
Abosorbance Range	:	0~4A

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