

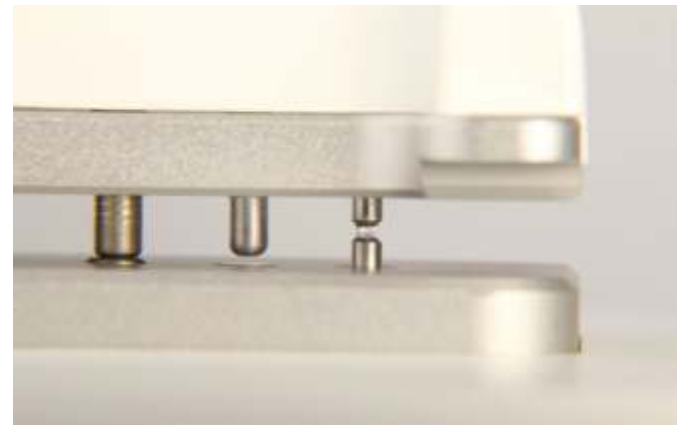
Order Code - 58015



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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