



## NANO SPECTROPHOTOMETER BSNA-301

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Biolab Nano spectrophotometer is a compact, micro volume UV Visible Spectrophotometer with enhanced sensitivity that can detect samples at 3ng/μl. It gives you fast measurement typically less than 5sec/sample and provides rapid and reproducible results without prior dilution. With robust instrumentation and ease of use, our product is most preferred for quick analysis in labs.

Used in Ideal choice for quantitation of protein, DNA, RNA and photometric measurements in analytical labs and research areas..

## BSNA-301 NANO SPECTROPHOTOMETER



Specialized instrument for bio-chemical research, for micro-volume solution concentration measurement

User-friendly interface, accurate measurement

Whole new technology of optical system design. There is no optical fiber needed

With the vertical slide design, the sample measuring area is more durable and stable

Has great resistance for the interferences of ambient light to get more accurate measurement

## SPECIFICATIONS

Model	BSNA-301
Minimum Sample Size	2.0-2000 ng/μl (dsDNA) Measurement Sample Size:2.0 μl
Wavelength Range	OD230nm, OD260nm, OD280nm, OD320nm
Measurement Data output	1. Sample concentration (ng/ μl) 2. OD230nm/OD260nm, OD280nm/OD320nm
Absorbance Range	0.04~40 ( 10 mm )
Path Length	~0.5 mm
Light Propagation material	Quartz glass and pinhole
Light Source	Xenon flash lamp
Measurement Time	< 5s at conc. >25 ng/μl
Software Compatibility	Android System
Dimension (W/D/H)	260x260x220 mm
System Structure	Embedded system, PC
Maintenance	Auto Diagnosis, Calibration mode, Fixed path-length
Display	Touch Screen, Thermal printer, USB storage, Web server storage
Weight (Net/Gross)	4.2 kg
Internal Storage	32 GB
Touch screen resolution	7" WxH 1024x600 dot matrix
Printer paper width	58 mm / 48 mm
Data Connection interface	OTG USB ( connected to PC ), Wi-Fi USB dongle, Ethernet (RJ-45), USB port*2
USB port operation voltage	5 VDC, 0.5 A
Thermal Printer power	15~24 W
Standby Power	5W
Power	10 W, 12 VDC, 2.5 A

Power Supply	100-240VAC, 50~60Hz, 1A
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## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
3001306006	A set of optical plates (made of quartz glass)	The Upper and Bottom quartz glass; re-useable; like the traditional cuvettes
3001306007	Thermal paper	There are three pcs in a roll package



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