



## NANO SPECTROPHOTOMETER BSNA-102

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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-102 NANO SPECTROPHOTOMETER



User-friendly software, easy to use, free software updates are available

Only require 0.5~2μl sample to accurate determinate of nucleic acids, proteins

Fast and easy measurements which turn on and instantly measure without lamp warm up time; Easy measurement within 8 sec

Xenon flash lamp, 10 flashes, up to 10 years, no dilutions and expensive consumables

Direct microvolume measurements from 1-2μL of sample. Eliminates the need for expensive accessories

No computer required and with touch screen

Equipped with Android system operation ( BSNA-101, BSNA-103, BSNA-104 )

It is a basic UV spectrophotometer specifically designed (only two types of wavelength 260nm and 280nm) for nucleic acids and proteins

To detect the concentration of bacteria and microorganism are more convenient with the OD600 function

The BSNA-102/103/104 are full range of wavelength (200-800nm) detection ability; The BSNA-101

is a basic UV spectrophotometer specifically designed (only two types of wavelength 260nm and 280nm) for nucleic acids and proteins

BSNA-104 also can be used to test the Fluorescence, for samples with concentrations below 2 ng/μl, fluorometric mode can be used, and the minimum detection limit can reach 0.5pg/μl

## SPECIFICATIONS

Model	BSNA-102
Minimum Sample Size	0.5-2.0 μl
Wavelength Range	200-800 nm
Wavelength Accuracy	1 nm
Spectral Resolution	≤ 3 nm (FWHM at Hg 546 nm)
Absorbance Range	0.02-90A
Absorbance Accuracy	1% (7.332Abs at 260nm)
Absorbance Precision	0.003 Abs
Path Length	0.2 mm (For high concentration measurement) 1.0 mm (For ordinary)
Light Source	Xenon flash lamp
Life Time of Lamp	None
Detector	3864-linear silicon CCD array
Detection Range	Nucleic acid up to 2~4500 ng/μl (dsDNA)
Measurement Time	< 8s
Software Compatibility	WinXP, Win7, Win8
Sample Pedestal Material	Aluminium alloy and Quartz fiber

Dimension (W/D/H)	200x250x166 mm
Weight (Net/Gross)	2.6 kg
Standby Power	5 W
Power	20 W
Power Supply	24V DC

## ACCESSORIES

Accessory Code	Name
3001107006	CD driver
3001107007	CD driver



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