BioLAB

PRODUCT CATALOG

NANO SPECTROPHOTOMETER BSNA-201

CE ISO9001 CERTIFIED

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NANO SPECTROPHOTOMETER BSNA-201

MICRO-SPECTROPHOTOMETER

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.

Wavelength range: 200nm-800nm
Wavelength accuracy: ±1.0nm
Easy user interface
Reduce sample loss and eliminate the need for dilution by using low volumes of samples in 0.5µl to 2.0µl for sample measurement. The appropriate path length can be selected automatically or by manual selection.
Rapid measurements. Read-time is typically takes less than 5sec per sample without washing cuvettes or dilutes the samples
Reliability and robust instrumentation. Easy to use interface
Press-to-read feature reduces the amount of time .Optics with no moving parts minimizes the incidence of optical misalignment
Calibration curves, kinetics or ratio measurements are displayed at the touch of

SPECIFICATIONS

Model	BSNA-201
Minimum Sample Size	0.3-2.0 µl
Wavelength Range	260 nm, 230 nm and 280 nm
Wavelength Accuracy	Fixed wavelength point
Wavelength Reproducibility	<±0.2 nm
Spectral Bandwidth	≤5 nm
Spectral Resolution	5 nm
Absorbance Range	0.2-75 (10mm equivalent absorbance)
Absorbance Accuracy	0.01
Absorbance Precision	0.002 Abs
Path Length	1 mm, 0.2 mm
Light Source	Xenon flash lamp
Life Time of Lamp	10^9 flashes upto 10 years
Detector	UV Detector
Detection Range	Nucleic acid up to 10-3750 ng/µl (dsDNA); Protein up to 0.5 mg/ml-110 mg/ml (BSA)
Start-up Time	< 5s
Measurement Time	< 5s
Dimension (W/D/H)	240x220x140 mm
Weight (Net/Gross)	2.35 kg
Power	12V 4A
Power Supply	90-250V 50/60Hz
Alt Name	Micro-Spectrophotometer

FEATURES

Wavelength range: 200nm-800nm
Wavelength accuracy: ±1.0nm
Easy user interface
Reduce sample loss and eliminate the need for dilution by using low volumes of samples in 0.5µl to 2.0µl for sample measurement. The appropriate path length can be selected automatically or by manual selection.

Rapid measurements. Read-time is typically takes less than 5sec per sample without washing cuvettes or dilutes the samples
Reliability and robust instrumentation. Easy to use interface
Press-to-read feature reduces the amount of time .Optics with no moving parts minimizes the incidence of optical misalignment
Calibration curves, kinetics or ratio measurements are displayed at the touch of a button at a connected computer.
Equipped with a built in printer

APPLICATIONS

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

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