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# Bio-Nano Spectrophotometer

## Product Image

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## Description

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Catalog No : 100139

Bio-Nano Spectrophotometer - Model 3100

## TECHNICAL SPECIFICATIONS

Minimum Sample Size	0.5ul-2ul (2ul advised)
Path Length	0.2mm or 1mm
Light Source / Life	Xenon flash lamp / >109 flashes
Detector Type	3864 element linear silicon CCD array
Wavelength Range	200-800nm
Wavelength Accuracy	±1 nm(TWHM at Hg 253.7nm)
Spectral Resolution	≤3nm (FWHM@Hg 253.7nm)
Absorbance Precision	0.003Abs (1mm path length)
Absorbance Accuracy	±1% (7.332Abs, at 260nm wavelength)
Absorbance Range	0.04 - 90 (at 260 wavelength, 10mm equivalent)
Detection Concentration Range	2ng/ul dsDNA ~ 4,500ng/ul dsDNA
Detection Time	<10s
Input Voltage	DC24V 2A
Power	20W
Dimension (W×D×H )	200×250×166mm

## ACCESSORIES

✓ Micro Spectrophotometer	1Pc
✓ Setup CD	1Pc
✓ Adapter	1Pc
✓ USB Cable	1Pc
✓ Operation manual	1Pc

## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.