

# TECHNICAL SPECIFICATION

## General Specification

Light Source	Xenon Flash Lamp
Detector	CCD (2,048 Pixels)
Wavelength Accuracy	±1 nm
Wavelength Range	190 – 1100 nm
Spectral Resolution	0.3 nm
Dimension	225 x 285 x 225 mm 8.8 x 11.2 x 8.8in
Weight	5kg
Operator Voltage	100 – 240 V, 50 – 60 Hz
Power Consumption	80 – 100 W
Warranty	1 Year
LCD Touch Panel	7.0 in

## Nano Volume Specificaiton

Absorbance Precision	1% at 100 ng/μl
Absorbance Range	0 – 300 Abs. (10 nm equivalent)
Detection Limit	2 ng/μl (dsDNA)
Maximum Concentration	15,000 ng/μl (dsDNA)
Measurement Time	5 sec
Minimum Sample Size	1 μl
RNA Detection Limit	1 ng/μl
Path Length	0.01 – 1.2 mm (Auto-ranging)

## Cuvette Specificaiton

Beam Height	8.5 mm
Absorbance Range	0.002 – 2.0 Abs.
Protein Detection Limit	1 mg/μl
Measurement Time	3 sec



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## UV/Vis NANO SPECTROPHOTOMETER

[www.md-best.com](http://www.md-best.com)



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## Variety & Precision in Detection

UV/Vis NANO SPECTROPHOTOMETER

- End Point & Kinetic Mode in Detection
- High Speed Spectrum Reading (5 Seconds) Accurate Detection (Less than  $\pm 0.002$ )
- Wide Range of Wavelength Detection with Cuvette
- Nano Volume Sample Measurement (Nucleic Acid / Protein)
- High Repeatability in Quantitative Measurement for Nucleic Acid

# Nabi UV/Vis NANO SPECTROPHOTOMETER



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## Simple & Light in Design

UV/Vis NANO SPECTROPHOTOMETER

- Compact Size and Light Weight
- Easy Operation with Minimized Steps for Measurements and Analysis
- 7.0 inch Touch LCD
- Quick Boot – No Lamp Warm-up Time
- Stand-Alone – Perform All Functions without PC



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## Result Analysis

UV/Vis NANO SPECTROPHOTOMETER

- Single Wavelength / Spectrum Selection
- End Point / Kinetic Mode Selection
- Quantitative Measurements for Nucleic Acid, Protein, and etc.
- Cell Concentration
- Simple Data Backup and Software Upgrade via USB Flash Drive
- Easy to Confirm the Result via Graphical Presentation

