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
Max Memory Volume	32 GB / 1,000,000 data
Dimension	220 x 280 x 220 mm 8.6 x 11.0 x 8.6 in
Weight	5 kg
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

MicroDigital Co., Ltd.
CS-7th floor, 15, Pangyo-ro 228beon-gil,
Bundang-gu, Seongnam-si, Gyeonggi-do,
13487, Rep. of KOREA
TEL : +82-31-701-2225 FAX : +82-31-702-2225
http://www.md-best.com

Nabi

UV/Vis NANO SPECTROPHOTOMETER

www.md-best.com

MicroDigital Co., Ltd.

Nabi UV/Vis NANO SPECTROPHOTOMETER

Nabi
UV/Vis NANO SPECTROPHOTOMETER

Variety & Precision in Detection

- End Point & Kinetic Mode in Detection
- High Speed Spectrum Reading (5 Seconds) Accurate Detection (Less than ± 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

Simple & Light in Design

- 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

Nabi
UV/Vis NANO SPECTROPHOTOMETER

Result Analysis

- 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