

# Nabi

UV/Vis Nano Spectrophotometer

## Specification

Range		200 - 1,100 nm
Light Source		Xenon Flash Lamp
Detector		CCD (2,048 Pixels)
Minimum Sample Volume		0.5 $\mu\text{l}$
Minimum Measurement Time		3 seconds
Absorbance Accuracy		$\pm 0.002$ abs.
Spectral Resolution		0.3 nm
Detection Limit		4 ng/ $\mu\text{l}$ (dsDNA)
Maximum Conc.		10 $\mu\text{g}/\mu\text{l}$ (dsDNA)
LCD Touch Panel		7.0 inch
Dimension		W : 220mm, D : 280mm, H : 220mm
Power		100-240V, 50/60Hz
Weight		3 kg
Warranty		1 year



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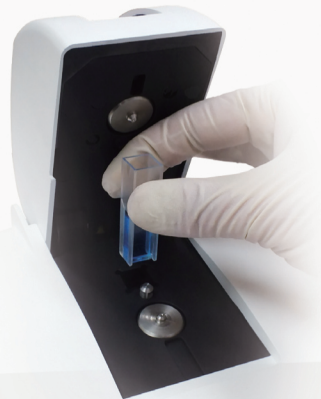
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## 1 Variety & Precision in Detection

- 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



## 3 Result Analysis

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



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## 2 Simple & Light in Design

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



Time	Mode	Title	Wavelength
JAN-04-2014 17:00	End Point	MD Test Run #09413	
09-24-2014 17:00	End Point	MD Test Run #09414	

Time	Mode	Title	Wavelength	Abs.
JAN-04-2014 17:00			854	
09-24-2014 17:00			235	

Mode	Title	Abs.
Cell	MD Test Run #09413	14894
Cell	MD Test Run #09414	11235