

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 | 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 |
| Path Length | 0.01 – 1.2 mm (Auto-ranging) |

Cuvette Specificaiton

| | |
|------------------|------------------|
| Beam Height | 8.5 mm |
| Absorbance Range | 0.002 – 2.0 Abs. |
| Measurement Time | 3 sec |


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UV/Vis NANO SPECTROPHOTOMETER

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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 ± 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

