

NABI UV/Vis nano spectrophotometer

Nabi- UV/Vis Nano Spectrophotometer is a miniature spectrophotometer that can measure cuvette and microvolume samples.

Using spectrometer technology, it can accurately and conveniently measure and analyze single wavelength as well as spectrums.

It is a standalone system with 7.0" touch screen LCD, and simple data back up through USB is possible.

Feature

- Cuvette and microvolume sample
- Measurement of single wavelength as well as spectrum analysis using spectrometer technology
- Simple and miniature design
- Stand-alone system with easy-to-use 7.0" LCD touch screen
- Simple data backup using USB
- Modes: DNA/RNA, protein, cells, end point, kinetic, spectrum



Technical data

General Specification

Light Source	Xenon Flash Lamp
Detector	CCD (2,048 Pixels), (reference beam available)
Wavelength Accuracy	±1 nm
Wavelength Range	200 – 1,100 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 Specification

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 Specification

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

Code	Description
M9100110	NABI UV/Vis nano spectrophotometer