

Nano UV-VIS Spectrophotometer



HB-600



High-quality flash Xenon lamp.



High resolution CCD detector provides rapid repeatable readings.



7 inches LCD color touch screen.



Fast test for DNA/RNA and protein.



1-2µl Sample test volume.



Qingdao Haier Biomedical Co., Ltd.

No.280 Fengyuan Road, High-tech Zone,
Qingdao, 266111, Shandong, P.R. China
E-mail: inquiry@haierbiomedical.com
Website: www.haiermedical.com
Aug, 2026



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Exterior View



HB-600

Product Advantages



High-quality flash Xenon lamp.



High resolution CCD detector provides rapid repeatable readings.



7 inches LCD color touch screen.



User-friendly UI design, simple and clear.



1-2µl Sample test volume.



Nucleic acid , protein, kinetics, spectrum scanning, end-point and OD600 measurement.



User upgradable software, low maintenance cost.



USB data export.

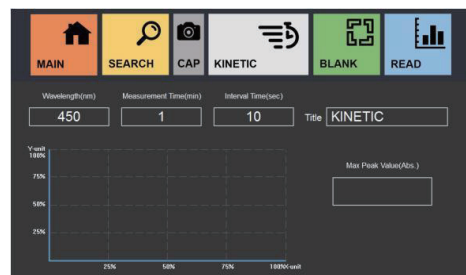
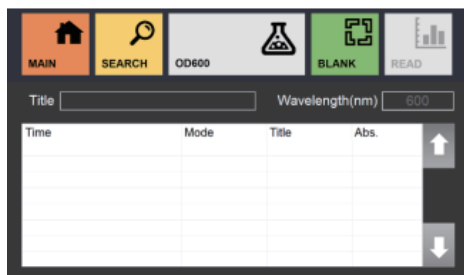
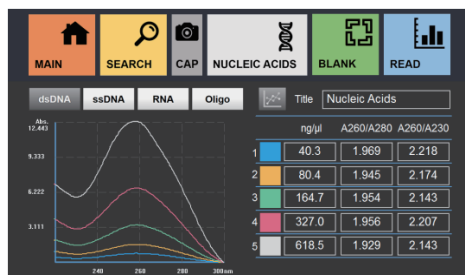
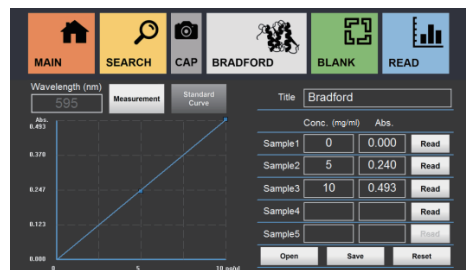
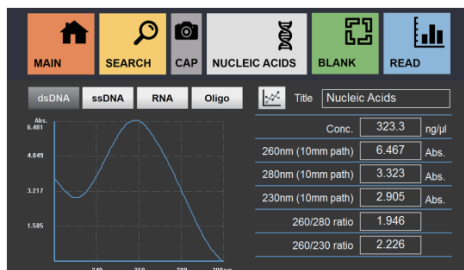
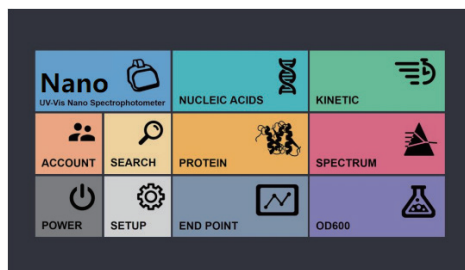


Two USB ports for data transmission and input peripherals.



Standalone, no PC required.

Operation Interface



Specifications

Model		HB-600
Generation Specification		
Light Source		Xenon Lamp
Detector		CCD (2048 Pixels)
Wavelength Range		190-1100nm
Wavelength Accuracy		±1nm
Spectral Resolution		0.3nm
Dimension		230*290*220mm
Weight		3kg
Operating Voltage		12V DC
Power Consumption		18W
Nano Volume Specification		
Absorbance Precision		1%@100ng/μl
Absorbance Range		0-200Abs (10nm equivalent)
Detection Limit		2ng/μl (dsDNA)
Max. Concentration		15000ng/μl (dsDNA)
Measurement Time		5s
Min. Sample Volume		1μl
Path Length		0.01-1.2mm (auto-ranging)
Cuvette Specification		
Beam Height		8.5mm
Absorbance Range		0.002-2.0Abs
Measurement Time		3s
Path Length		10mm