



KLABS KBNS-800 Bio Nano Spectrophotometer



PRODUCT DESCRIPTION

KLABS Bio Nano Spectrophotometer is a compact touch screen based analytical instrument designed for rapid nucleic acid and protein analysis in research, biotechnology and molecular biology laboratories. The system provides highly accurate and stable measurement with low sample volume detection and fast data processing for routine laboratory applications.

FEATURES

- Highly accurate and stable
- Compact design
- Long life Xenon flash lamp
- low volume detection
- Android system

ACCESSORIES

- Software
- Power adaptor
- USB cable
- Instruction manual



TOUCH
SCREEN



ACCURATE
& STABLE



ANDROID
SYSTEM



EASY
OPERATION



USB
CONNECTIVITY

Technical Specifications

Technical	Specification
Product Name	KLABS Bio Nano Spectrophotometer
Model Number	KLABS KBNS-800
Wavelength Range	200nm - 800nm
Minimum Sample Size	0.5–2 μ l
Path Length	0.2mm (High concentration) 1.0mm (Ordinary concentration)
Light Source	Xenon flash lamp
Detector Type	PHOTODIODE
Wavelength Accuracy	1nm
Spectral Resolution	\leq 3nm
Absorbance Precision	0.003 Abs
Absorbance Accuracy	1% (7.332 Abs at 260nm)
Absorbance Range	0.02 - 80A
Detects Nucleic Acid up to	10-4000ng/ul (ds DNA)
Measurement Time	< 8S
Data Output	USB
Sample pedestal Material	Aluminum alloy and quartz fiber
Operating Voltage	24V DC
Operating Power Consumption	25W
Standby Power Consumption	5W
Dimension (W x D x H)mm	210x280x181
Weight	3.6kg
Software Compatibility	Android System