

Micro-Spectrophotometer Nano 200



Nano-200 is a Nucleic Acid Analyzer designed for analyzing the concentration and pure of Nucleic Acid (DNA/RNA). Simply pipette 0.5~2ul sample onto the pedestal, laying down the sampling arm, Nano-200 can automatically complete the measurement within 5 seconds.

Features

1. Direct, easy measurements in less than 5 seconds
2. Require only 0.5~2ul samples
3. No cells or cuvettes and no warm up
4. Optional data output via built-in printer, SD-RAM Card, USB memory
5. Touch screen and panel operation, without computer
6. No dilutions for samples

Operating

1. 0.5~2.0ul sample onto the test platform with a pipette
2. Close the sampling arm
3. Press the "Measure" button, the result of the sample will display on the touch screen
4. Clean the test platform
5. Press the "Print" button, the built-in printer will print the result of sample

Technical Specification

Wavelength Range	230 nm, 260nm, 280nm
Minimum Sample Size	0.5~2.0ul
Path Length	0.2mm (For high concentration measurement) 1.0mm (For ordinary)
Light Source	Xenon flash lamp
Absorbance Precision	0.003 Abs
Absorbance Range	0.02 - 80 (10 mm equivalent)
Detects Nucleic acid up to	10~4000ng/ul (dsDNA)
Detects Protein up to	0.1mg/ml~100mg/ml
Measurement Time	< 5s
Dimensions (W x D x H)mm	210 x 280 x 166
Sample Pedestal Material	Aluminum alloy and Quartz fiber
Operating Voltage	24V DC
Operating Power Consumption	12 - 18 W