

## 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)<br>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                                                          |