

**Lasany<sup>®</sup>**

**ADVANCED NANO  
SPECTROPHOTOMETER  
MODEL : LI-5210**

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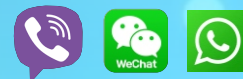
**ADVANCED NANO  
SPECTROPHOTOMETER  
MODEL : LI-5210**



**APPLICATION**

- Biology Laboratory
- Molecular Biology
- Science-and Research
- University
- Chemistry

**Lasany International**



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**Perfection in  
Laboratory Science**

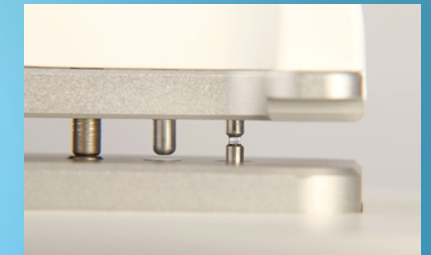
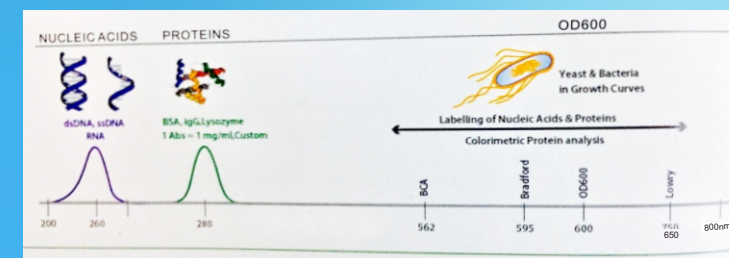
**CE** ISO 9001 : 2015  
Certified Company



The Nano LI-5210 is an advanced model of Micro UV VIS Spectrophotometer based on with full range of wavelength (200-800nm). It is with an added new function of bacterium cell concentration measurement (OD600) in a cuvette. The Nano LI-5210 only requires 0.5-2ul sample to measure nucleic acids, protein as quickly like do. Nano LI-5210 come with a 7 inch touch screen and integrated Android operating system, with no computer required. It is an ideal equipment for a biology laboratory to make life science research more efficient

<b>Model</b>	<b>LI-5210</b>
<b>Wavelength Range</b>	200~800nm
<b>Sample Size</b>	0.5~2.0ul
<b>Path Length</b>	0.2mm (For high concentration measurement) 1.0mm (Ordinary concentration)
<b>Light Source</b>	Xenon flash lamp
<b>Detector Type</b>	3864-element linear silicon CCD array
<b>Wavelength Accuracy</b>	1nm
<b>Spectral Resolution</b>	≤3nm (FWHM at Hg 546nm)
<b>Absorbance Precision</b>	0.003Abs
<b>Absorbance Accuracy</b>	1% (7.332Abs at 260nm)
<b>Absorbance Range</b>	0.02 - 100A
<b>Detection Range</b>	10~5000ng/ul (dsDNA)
<b>Measurement Time</b>	<6s
<b>Dimensions (W x D x H)mm</b>	210 x 268 x 181
<b>Data Output</b>	USB, SD-RAM Card
<b>Weight</b>	2.8kg
<b>Sample Pedestal Material</b>	Aluminum alloy and Quartz fiber
<b>Operating Voltage</b>	24VDC
<b>Operating Power Consumption</b>	40W
<b>Standby Power Consumption</b>	5W
<b>Software Compatibility</b>	Android System
<b>OD600nm Measurement:</b>	
<b>Light Source</b>	LED
<b>Wavelength Range</b>	600±8nm
<b>Abosorbance Range</b>	0~4A

Nano spectrophotometer LI-5210 have convenience and reproducibility for quantification of DNA, RNA, or protein in one unit.



1. 7 inch touch screen with simple interface. No computer required
3. Only require 0.5-2ul sample to perform accurate measurements.
2. Android operating system with free software update
4. Long life's Xenon flash lamp for up to 10 years
5. Flexible data output. The data can be printed with built-in printer, and output via USB memory stick
6. OD600 measurement, ideal for bacterial concentration measurement
7. Direct micro-volume measurement with 0.5-2ul of sample. Eliminates the need for expensive accessories.
8. Wide range of wavelength (200-800nm)
9. Turn on and instantly measure without lamp warm up time; Full scan capability from 200-800nm with 6 sec.
10. Switch off automatically when the machine is idle for more than 5mins, and awake by touching the screen.

### Accessories

Cuvette 10mm 2 pcs  
Adapter