



NANO SPECTROPHOTOMETER

LD-LNS-A21

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Nano Spectrophotometer LD-LNS-A21 is a benchtop unit comprises wide wavelength range of 190 to 850 nm, 0.3 - 2 μ l micro volume sample measurement, and 1 mm, 0.5 mm, 0.05 mm, optical path length. With built-in detection system, and high definition, touch screen display it offers less than 5 seconds of detection time. Easy to transfer test Data via USB port or Network. Incorporated with Xenon flash lamp as light source with high stability and long operating life.

Features:

- 0.3 - 2 μ l micro volume sample measurement
- Wavelength range 190 to 850 nm with scan capability within 5 seconds
- Highly concentrated samples can be used
- Long life Xenon flash lamp
- Easy to transfer test Data via USB port or Network
- No need to warm up, can boot at any time
- Built-in detection system, with high definition, touch screen display

Applications:

Nano spectrophotometer are used in detection of micro volume quantities of DNA/RNA, Proteins, and chemicals, liquids and its components in laboratory, food industries, chemistry, microbiology, medicine research and development.

Specifications:

Model No.	LD-LNS-A21
Optical Range	190 to 1100 nm
Wavelength Detection Range	190 to 850 nm

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Wavelength Accuracy	± 1 nm
Wavelength Resolution	2 nm (FWHM at Hg 546 nm)
Minimum Sample volume	0.3 - 2 µl
Absorbance range	0.002 to 300 Abs (Equivalent to 10 mm Optical Path)
Absorbance precision	0.002 Abs
Absorbance accuracy	1 % (0.76 absorbance at 350 nm)
Light source	Xenon flash lamp
Measurement time	< 5 s
Detector Type	3864 linear silicon CCD array
Screen	Color LCD Touchscreen display
Software Compatibility	Win7 (64-bit operating system)/Win 8
Detects nucleic acid up to	0.4 to 15000 ng/µL (dsDNA)
Detects protein up to	0.01 to 400 mg/mL (BSA)
Dimension	200 × 300 × 200 mm
Weight	3.5 kg