NANO SPECTROPHOTOMETER

LD-LNS-A3 SERIES

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NANO SPECTROPHOTOMETER LD-LNS-A3 SERIES

Nano Spectrophotometer LD-LNS-A30 is a benchtop unit comprises wide wavelength range of 190 to 850 nm, 0.3 - 2 µl micro volume sample measurement, and 1 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 µl 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
- Stainless Steel and Quartz Fiber sample material

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.

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Specifications:

Model No.	LD-LNS-A30
Optical Range	190 to 1100 nm
Wavelength Detection Range	190 to 850 nm
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	2048 CMOS linear silicon CCD array
Screen	Color LCD Touchscreen display
Software Compatibility	Win7 (64-bit operating system)/Win 8
Detects nucleic acid up to	0.2 to 37500 ng/µL (dsDNA)
Detects protein up to	0.01 to 1120 mg/mL (BSA)

NANO SPECTROPHOTOMETER LD-LNS-A3 SERIES

Nano Spectrophotometer LD-LNS-A31 is a benchtop unit comprises wide wavelength range of 190 to 850 nm, 50 µl micro volume cuvette sample measurement with 5 mm sample level height, and 1 mm, 2mm, 5mm, 10mm cuvette 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:

- 20 µl micro volume cuvette sample measurement, 5 mm sample level height
- 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
- Built-in liquid column, to determine abnormal function
- Stainless Steel and Quartz Fiber sample material

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.

NANO SPECTROPHOTOMETER LD-LNS-A3 SERIES

Specifications:

Model No.	LD-LNS-A31
Wavelength Range	190 to 850 nm
Wavelength Accuracy	± 1 nm
Wavelength Resolution	2 nm (FWHM at Hg 546 nm)
Cuvette details	Recyclable micro cuvette, 5 mm sample level height
Path length of cuvette	1 mm, 2 mm, 5 mm, 10 mm
Minimum Sample volume	20 µl
Absorbance range	0.002 to 300 Abs
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	2048 CMOS linear silicon CCD array
Screen	Color LCD Touchscreen display
Software Compatibility	Win7 (64-bit operating system)/Win 8
Detects nucleic acid up to	0.2 to 37500 ng/µL (dsDNA)
Detects protein up to	0.01 to 1120 mg/mL (BSA)
Mixer	Comes with Mixing System
Temperature Control	4 – 42 °C at error <±0.5 °C