



Nano Spectrophotometer LNS-A20

Nano Spectrophotometer LNS-A20 is a benchtop unit comprises wide wavelength range of 190 to 850 nm, 50 µl micro volume cuvette sample measurement with 8.5 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

- ❑ 50 µl micro volume cuvette sample measurement, 8.5 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

Application

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	LNS-A20
Wavelength range	190 to 850 nm
Wavelength accuracy	± 1 nm
Wavelength Resolution	2 nm (FWHM at Hg 546 nm)
Cuvette details	Recyclable micro cuvette, 8.5 mm sample level height
Path length of cuvette	1 mm, 2 mm, 5 mm, 10 mm
Minimum Sample volume	50 μ l
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	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/ μ L (dsDNA)
Detects protein up to	0.01 to 400 mg/mL (BSA)
Dimension	350 \times 240 \times 220 mm
Weight	5.2 kg