

LT-3100 BIO NANO SPECTROPHOTO METER

PRODUCT FEATURES

- ✓ Highly accurate and stable
- ✓ Compact design
- ✓ Long life Xenon flash lamp
- ✓ low volume detection

ACCESSORIES

- ✓ Software
- ✓ Power adaptor
- ✓ USB cable
- ✓ Instruction manual



TECHNICAL SPECIFICATIONS

Minimum Sample Size	0.5ul-2ul (2ul advised)
Path Length	0.2mm or 1mm
Light Source / Life	Xenon flash lamp / >109 flashes
Detector Type	3864-element linear silicon CCD array
Wavelength Range	200-800nm
Wavelength Accuracy	±1 nm (TWHM at Hg 253.7nm)
Spectral Resolution	≤3nm (FWHM @Hg 253.7nm)
Absorbance Precision	0.003Abs (1mm path length)
Absorbance Accuracy	±% (7.332Abs, at260nm wavelength)
Absorbance Range	0.04 - 90 (at 260 wavelength, 10mm equivalent)
Detection Concentration Range	2ng/ul dsDNA ~ 4,500ng/ul dsDNA
Detection Time	<10s
Input Voltage	DC24V 2A
Power	20W
Dimension (W×D×H)	200×250×166mm