

BIO-NANO SPECTROPHOTOMETER

3100



ACCESSORIES

- ✓ Micro Spectrophotometer 1Pc
- ✓ Setup CD 1Pc
- ✓ Adapter 1Pc
- ✓ USB Cable 1Pc
- ✓ Operation manual 1Pc

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	±1% (7.332Abs, at 260nm 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