

## IV-3100 BIO NANO SPECTROPHOTOMETER

### 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 specification

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