

3101

## BIO-NANO

### SPECTROPHOTOMETER TOUCH SCREEN

#### TECHNICAL SPECIFICATION

WAVELENGTH RANGE	: 200-800nm
MINIMUM SAMPLE SIZE	: 0.5 $\mu$ L
PATH LENGTH	: 0.2mm(High concentration) 1.0mm (Ordinary concentration)
LIGHT SOURCE	: Xenon flash lamp
DETECTOR TYPE	: 2048 element linear silicon CCD array
WAVELENGTH ACCURACY	: 1 nm
SPECTRAL RESOLUTION	: $\leq$ 3nm
ABSORBANCE PRECISION	: 0.003 Abs
ABSORBANCE ACCURACY	: 1% (7.332 Abs at 260nm)
ABSORBANCE RANGE	: 0.02 - 100A
DETECTS NUCLEIC ACID UPTO	: 2-5000ng/ul(ds DNA)
MEASUREMENT TIME	: <5S
DATA OUTPUT	: USB
SAMPLE PEDESTAL MATERIAL	: Aluminium alloy and quartz fiber
OPERATING VOLTAGE	: 24V DC
OPERATING POWER CONSUMPTION	: 25W
STANDBY POWER CONSUMPTION	: 5W
DIMENSION(WxDxH)mm & WEIGHT	: 210x280x181 & 3.6Kg
SOFTWARE COMPATIBILITY	: Android System
OD 600NM MEASUREMENT	
LIGHT SOURCE	: LED
WAVELENGTH RANGE	: 600 $\pm$ 8nm
ABSORBANCE RANGE	: 0-4A



#### STANDARD ACCESSORIES

Micro Spectrophotometer  
Setup CD  
Adaptor  
USB Cable  
Operation Manual

