

# TOUCH SCREEN NANO SPECTROPHOTOMETER

## Brand - BioGenix®



### APPLICATION

- Biology Laboratory
- Molecular Biology
- Science-and Research
- University
- Chemistry

### Basic features

- Touch Screen display
- Measure Purified Protein at 280 nm
- Quick and Easy Cleaning

# Nano Spectrophotometer Model - BS -5100

## Brand - BioGenix®



### Product Overview

The Nano BS-5100 is a basic UV Spectrophotometer specifically designed (only two types of wavelength 260nm and 280nm) for nucleic acids and proteins. Nano is a basic micro-volume UV spectrophotometer designed (only 3 types of wavelength: 230nm, 260nm and 280nm) for the measurement of nucleic acids and proteins. It is added a function of bacterium cell concentration detection Android system operation, 7 inch touch screen no computer, APP soft, simple interface, easy to use. The data can be printed with built-in printer, the data can output via SD-RAM Card and USB memory Measure nucleic acids concentration at 260nm, and purity using the 260/280 ratio. Measure purified protein at 280nm

### NANO-BS-5100 Highlights

- Nano-BS-5100 is a basic micro-volume UV spectrophotometer designed (only 3 types of wavelength: 260nm and 280nm) for the measurement of nucleic acids and proteins. It is added a function of bacterium cell concentration detection (OD600)
- Android system operation, 7 inch touch screen no computer, APP soft, simple interface, easy to use
- The data can be printed with built-in printer, the data can output via SD-RAM Card and USB memory
- Measure nucleic acids concentration at 260nm, and purity using the 260/280 ratio. Measure purified protein at 280nm

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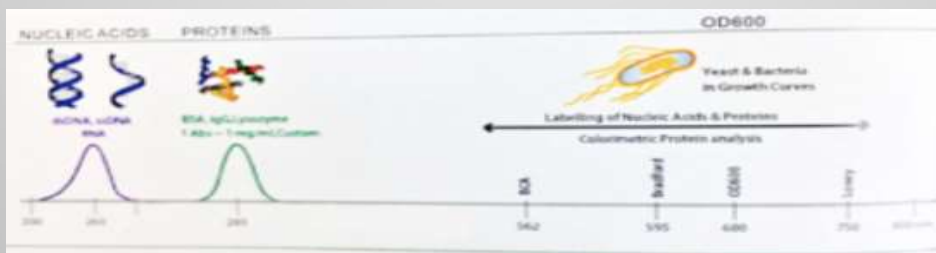
### Basic features

- Touch Screen display
- Measure Purified Protein at 280 nm
- Quick and Easy Cleaning
- 1.7 inch touch screen with simple interface. No computer required
- Only require 0.5-2ul sample to perform accurate measurements.
- Android operating system with free software update
- Long life's Xenon flash lamp for up to 10 years
- Flexible data output. The data can be printed with built-in printer, and output via USB memory stick
- OD600 measurement, ideal for bacterial concentration measurement
- Direct micro-volume measurement with 0.5-2ul of sample. Eliminates the need for expensive accessories.
- Wide range of wavelength (200-800nm)
- Turn on and instantly measure without lamp warm up time; Full scan capability from 200-800nm with 6 sec.
- Switch off automatically when the machine is idle for more than 5mins, and awake by touching the screen.



### NANO-BS-5100 Highlights

■ Nano-BS-5100 is a basic micro-volume UV spectrophotometer designed (only 3 types of wavelength: 260nm and 280nm) for the measurement of nucleic acids and proteins.



# TECHNICAL SPECIFICATION

<b>Model</b>	<b>Nano BST-5100</b>
<b>Wavelength Range</b>	260nm, 280nm
<b>Minimum Sample Size</b>	0.5-2.0µl
<b>Path Length</b>	0.2mm (High concentration) 1.0mm (Ordinary concentration)
<b>Light Source</b>	Xenon ash lamp
<b>Detector Type</b>	UV-silicon photocell
<b>Absorbance Precision</b>	0.003Abs
<b>Absorbance Accuracy</b>	1% (7.332Abs at 260nm)
<b>Absorbance Range</b>	0.02 - 80A
<b>Detects Nucleic Acid up to</b>	10-4000ng/ul (dsDNA)
<b>Measurement Time</b>	<15S
<b>Sample Pedestal Materia</b>	USB
<b>Data Output</b>	Aluminum alloy and Quartz ber
<b>Operating Voltage</b>	24V DC
<b>Operating Power Consumption</b>	25W
<b>Standby Power Consumption</b>	5W
<b>Dimension (W x D x H)mm</b>	210 x 280 x 181
<b>Weight</b>	3.6kg
<b>Software Compatibility</b>	Android System
<b>Light Source</b>	LED
<b>Wavelength Range</b>	600±8nm
<b>Absorbance Range</b>	0-4A



Easy Handling



Measuring sample

## Application

- 📖 Biology Laboratory
- 📖 Molecular Biology
- 📖 Science-and Research
- 📖 University
- 📖 Chemistry



Quick And Easy Cleaning



Adding sample



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