



NANO SPECTROPHOTOMETER BIX-1801

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MICRO SPECTROPHOTOMETER



11.3 inch capacitive touch screen and optimally designed APP.
Fast detection, each sample can be finished within 5 seconds.
Built-in printers can print reports directly.
Data can be output through USB and SD-RAM cards, easily analyzed and saved.
Need only 0.5~2ul samples to measure purity and concentration, and samples can be recovered.
New cuvette mode OD600 is convenient for detection of culture medium concentration such as microorganisms.
Fluorescence detection function is optional, compatible with normal fluorescence quantitative reagents.

SPECIFICATIONS

Model	BIX-1801
Wavelength Range	185-910nm
Spectral Bandwidth	
Wavelength Accuracy	±1nm
Operating System	11.3 inch touch screen, Android system
Cuvette Mode (OD600)	600±8nm
Sample Volume	0.5~2.0ul
Optical Path	1mm,0.5mm,0.1mm,0.05mm,0.02mm automatic switchover
Light Source	Xenon flash lamp (10-year service life)
Detector	3648 pixel linear CCD array
Wavelength Resolution	≤ 1nm (FWHM at Hg 546nm)
Absorbance Accuracy	0.002Abs
Absorbance Range (10mm equivalent)	0-780A
Cuvette Mode (OD600 measurement)	0~4A
Detection Time	≤ 5S
Nucleic Acid Detection Range	0-38880ng/ul (dsDNA)
Protein Detection Range	0.06-820mg/ml (BSA)
Data Output Mode	USB, SD-RAM card
Material of Sample Base	Quartz fiber and high hard aluminum
Printing Mode	Built-in thermal printer
Fluorescence Detection	Excitation wavelength 460nm, emission wavelength 525nm (optional) Red light excitation wavelength 625nm, emission wavelength 680nm (optional)
Cuvette Heated by Stirring	Adjustable rotational speed, range of 300~1000 rpm Adjustable temperature, range of 25~40°C (optional)
Hint Function	Pollutant alert
Audit Trail	Yes. Three-level permission management (optional)
Input Power	AC220V, 50/60Hz
Dimension (mm) & Weight (kg)	280x260x195 & 3.9
Alt Name	Micro Spectrophotometer



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