

SPECIFICATIONS FOR Nano-spectrophotometer

Absorbance Accuracy	3% (at 0.74 Abs at 350nm)
Absorbance Range	Pedestal: 0-300 ABS
Accuracy	0.002
Accuracy (Absorption)	3% at (0.74 at 350nm)
Applications	Nucleic Acid Quantification, DNA Quantification, RNA Quantification, Protein Quantification
Certifications/Compliance	UL/CSA and CE
Compatibility	Microsoft™ Windows™ XP (32-bit) w/Service Pack (SP) 2 or later, Vista™ (32-bit), and Windows 7 (32 bit and 64 bit) and or latest e.g. Windows 10.
Concentration	2ng/μl-15,000ng/μl (dsDNA) ng/μl
Description	Microvolume Spectrophotometer
Detection Limits	Pedestal: 2ng/μL (dsDNA), 0.10mg/mL (BSA) Cuvette: 0.4ng/μL (dsDNA), 0.01 mg/mL (BSA)
Detection Range	Pedestal: 2-15,000ng/μL (dsDNA) , 0.10 - 400mg/mL (BSA)
Detector Type	2048-element linear silicon CCD array
Heating Range	37°; ±0.5°C
Lamp	Xenon Flash
Measurement Time	<5 sec.
No. of Samples	1
Pathlength (Metric)	10; 5; 2; 1mm
Sample Volume (Metric)	1000, 0.5-2.0μL
Spectral Resolution	=1.8nm (FWHM at Hg 253.7)
System Requirements	Original MicrosoftWindows XP (32-bit) w/Service Pack (SP) 2 or later, Vista (32-bit), and/or Windows 7 (32 bit and 64 bit) and or latest e.g. Windows 10.
Volume (Metric)	0.5 to 2.0μL
Voltage	12VDC
Wattage	5W
Wavelength Accuracy	±1nm
Wavelength Range	190-840nm
Warranty	Should have complete maintenance contract for 1 year with annual maintenance contract for 5 years
Must be supplied with	Compatible power back up for minimum 1 hour, PC with minimum i5 processor, 4 gb RAM and original latest compatible windows e.g. 10 operating system, original instrument software etc.