

Yooning is committed to manufacturing high quality laboratory equipment.

NanoOne/NanoOne-S Microspectrophotometer

· Sample pedestal



· Drop sample



Features

- Friendly Android operation system, 7-inch touched screen
- Measurement without dilution, test result display and read easily
- Long life's Xenon flash lamp, 10⁹ flashes.
- Only 0.5 ~ 2μl sample volume requested, which can be recycled after test, ideal for precious samples
- Reliable and quick data USB output for analysis
- No computer required for measurement and data storage
- Image and excel table can be output
- External printer is optional

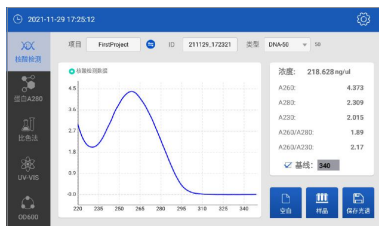
Option

- External printer is for option.

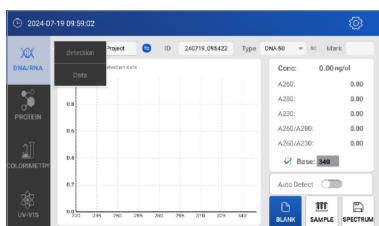


Detection result

· NanoOne



· NanoOne-S



Product parameters

Model	NanoOne-S	NanoOne
Sample Volume	0.5~2.0μl	
Wavelength	180-910nm	180-910nm; cuvette (OD600):600±8nm
Nucleic Acid Range	dsDNA :2~4500ng/μL ssDNA:1.32~2970ng/μL RNA:1.6~3600ng/μL	dsDNA:2~15000ng/μL ssDNA:1.32~9900ng/μL RNA:1.6~12000ng/μL
Protein Detection Range	A280: 0.04~750mg/ml BSA: 0.06~1119mg/ml IgG: 0.03~547mg/ml Lysozyme: 0.015~284mg/ml	
Absorbance Range (equaled 10mm)	0.04-90A	0.04-300A; Cuvette (OD600):0~4A
Path Length	0.2mm、1.0mm、1.2mm	0.05mm、0.2mm、1mm
Absorbance Accuracy	±1%（7.332 Abs at 260nm）	
Wavelength Accuracy	±1nm	
Wavelength Precision	±0.2nm	
Absorbance Precision	0.002Abs	
Spectral Resolution	≤ 1.5nm（FWHM @ Hg 253.7nm）	
Measurement Time	< 6S	
Light Source	Xenon flash lamp	
Detector	2048 -element linear CMOS array	
Sample pedestal	304 Stainless steel and Quartz fiber	
Operation System	Android	
Data Export	USB	
Weight	3.3kg	3.4kg
Power of work/stand by	48W/ < 6.5W	
Dimension（W×D×H）	270×210×196（mm）	
Power Adaptor	12V 4A	
OD600		
Absorbance Range	---	0~4.000 Abs
Absorbance Stability	---	（0,3）≤ 0.5%, [3,4）≤ 1.5%
Absorbance Repeatability	---	（0,3）≤ 0.5%, [3,4）≤ 1.5%
Absorbance Accuracy	---	（0,2）≤ 0.005A,[2,3）≤ 1%, [3,4）≤ 2%