

Product Name	OPTIZEN NanoQ Plus	OPTIZEN NanoQ
Photometrics System	Microvolume Spectrophotometer	
Light Source(s)	Xenon flash lamp	
Lifetime	Up to 10 years	
Detector	CMOS linear image sensor (2048 pixels)	
Spectral Bandwidth	1.0 nm (FWHM at Hg 253.7 nm)	
Wavelength Range	190 - 850 nm	
Wavelength Display (setting)	1 nm	
Wavelength Accuracy	± 1 nm	
Microvolume		

Minimum Sample Volume	1 μL
Photometric Range	0.02 - 330 A (10mm equivalent)
Detection Limit (Microvolume)	2 ng/μL (dsDNA) 0.06 mg/mL (BSA) 0.003 mg/mL (IgG)
Maximum Concentration	16,500 ng/μL (dsDNA), 400 mg/mL (BSA)

Cuvette

Photometric Range	0 - 2 A	-
Detection Limit	0.2 ng/μL (dsDNA) 0.006 mg/mL (BSA) 0.0003 mg/mL (IgG)	-
Center Height (Z-height)	8.5 mm	-
Heating (Optional)	37 °C	-

Absorbance Precision	0.002 A (0.5 mm path) or 1%
Absorbance Accuracy	3% (at 0.97A at 302 nm)
Measurement Time	< 8 seconds
Software Compatibility	Windows® 7 and 10
Touchscreen	Multipoint capacitive touch
CPU	Octa Core ARM® Cortex™-A53 Processor
Storage	32 GB Internal Storage
Glove Compatibility	Compatible with lab gloves
Connectivity	4 x USB ports, Ethernet, and RS-232
Display	7-inch, 1280 x 800 HD color display
Operating System (OS)	Android™

Footprint (W*D)	216*290 mm
Weight	3.0 kg