

Instrument Type	Microvolume Spectrophotometer
Minimum Sample Volume	1 μL
Sample Number	1
Pathlength	0.03 ~ 0.5 mm (Auto ranging)
Spectral Resolution	\leq 8.0 nm
Absorbance Precision	0.002 Abs (0.5 mm pathlength)
Absorbance Range	0 – 40 Abs
Detection Limit	About 2 ng/μL (dsDNA)
Maximum Concentration	2,000 ng/μL (dsDNA), 60 mg/ml (BSA), 28.8 mg/ml (IgG)
Photometric Range(10 mm Equivalent)	Cuvette: 0~2 A, Accuracy - 3% (at 1A/mm at 280 nm)

Photometric Accuracy	3% (at 1A/mm at 280 nm)
Light Source	LEDs
Measurement Wavelength	260, 280 nm / 600 nm(Cuvette)
Baseline Correction Wavelength	360 nm
Detector	Silicon photodiode
Measurement Time	<10 seconds
Footprint(W × D)	145 x 190 mm
Weight	1.4 kg
Operating Voltage	12 V (DC)
Power Consumption	Operating - 4.7~5.2 W, Standby - 3.3 W
Display	4.3-inch, Touch-screen glove compatible

Display resolution	480 x 272 pixels (Color display)
Internal Storage	4 GB
Conectivity	USB-A, USB-B, RS232C, Bluetooth
Accessories	Thermal Printer(Optional)