

## LB 916 Colibri+

### Technical Specification

Optical Information	
Sample Volume	1 µL minimum volume
Sample Number	1
Pathlength	0.5 mm / 0.05 mm
Light Source	Pulsed Xenon flash lamp
Detector Type	2048 element CMOS
Wavelength Range	190 - 1000 nm
Bandwidth	1.3 nm
Wavelength Accuracy	1.0 nm
Spectral Resolution	1.5 nm (FWHM at Hg 253.7 nm)
Absorbance Precision	0.0015 A (0.5 mm)
Absorbance Precision	0.03 A (1 cm equivalent)
Absorbance Accuracy	3.0% at 0.75 A at 300 nm
Absorbance Range	0 (0.02) - 400 A (1cm equivalent)
Detection Range	dsDNA: 2 - 20000 ng/µL
	BSA: 0.06 - 600 mg/mL
Sample Surface Material of Construction (Lower and Upper)	Stainless steel and quartz window with hydrophobic treatment
Measurement Time	< 3 sec
Software	
Operating System	Custom Linux based OS
Registered User Folder	> 500 sets
User Folder Password	Yes
General	
Display	7" color LCD with capacitive touch panel
Data Port	1 USB Type-A front port for USB flash drive
Footprint Dimensions	206 x 166 x 333 mm (W x H x D)
Weight	3.5 kg (7.8 lb)
Glove Compatibility	All common lab gloves
Internal Storage	32 GB flash memory
Power Adapter	Input: AC 100-240 V, 50/60 Hz; Output: DC 24 V, 2.08 A
Certifications	CE, RoHS

Specifications are subject to change without prior notice