

# Micro-Volume Spectrophotometer

◆ صفحه نمایش لمسی ۷ اینچی با وضوح بالا

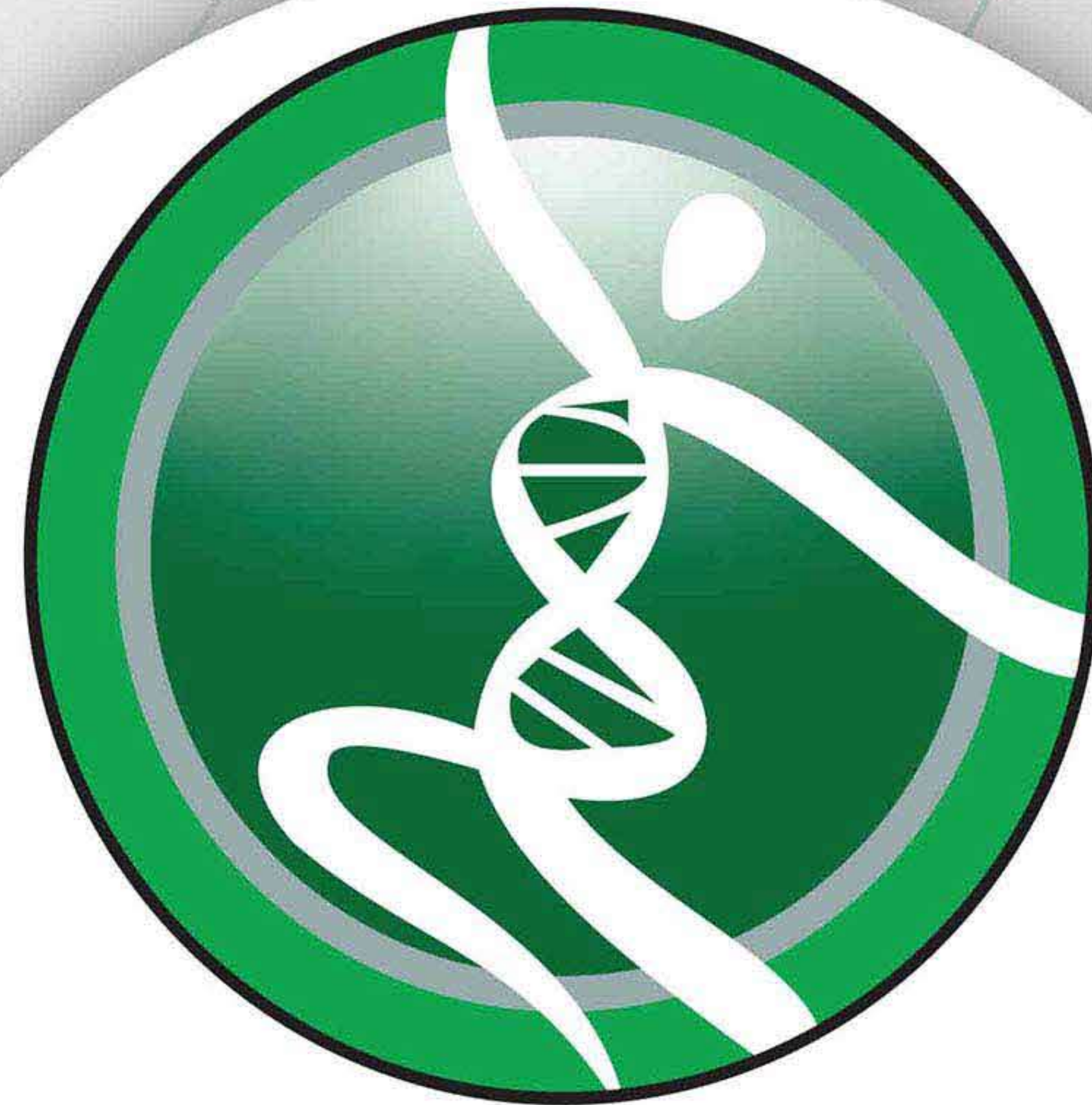
◆ بدون نیاز به کامپیوتر

◆ با سیستم عامل اندروید داخلی

◆ حداقل حجم نمونه (µl) ۰/۵

◆ حافظه داخلی ۳۲ گیگابایت

◆ منبع نوری لامپ زنون



**DNA**  
Lab. Equipment

Model	FC – 2100	F - 2100
Detector	2048 – Element CCD linear image sensor	
Light Source	Xenon flash lamp	
Minimum Sample Volume (µL)	0.5	
Pathlength (mm)	0.03, 0.05, 0.1, 0.2, 1.0 auto-ranging	
Wavelength Upgrade	Available	
Wavelength Range (nm)	Default 230, 260, 280, 350, 600 (Optional 185 – 910 customised)	
Wavelength Accuracy (nm)	±1	
Spectral Bandwidth	≤1.8 (FWHM at Hg 253.7 nm)	
Photometric (Abs)	0-550 (10 mm equivalent)	
Measurement Repeatability	0.002 (1mm path) or 1% CV, whichever is greater	
Photometric Accuracy	3% (at 0.64A at 350 nm)	
Limit of Detection	Pedestal: 2ng/µL dsDNA, 0.06mg/mL BSA, 0.03 mg/mL IgG	
Maximum Concentration	Pedestal: 27, 500ng/µL dsDNA, 820 mg/mL BSA, 400 mg/mL IgG	
Measurement Time(s)	≤5	
Cuvette Temperature (°C)	37±0.5	NA
Cuvette Stirring	10-900 RPM 10 Speeds	NA
Cuvette Photometric	0-1.5A (10mm)	NA
Cuvette Limit of Detection	0.2ng/µL dsDNA 0.006 mg/mL BSA 0.003 mg/mL IgG	NA
Display	7 inch, 1280 x 800 high-definition LCD, Multipoint capacitive touch, Gesture recognition	
Operating System	Android	
Internal Storage	32 GB flash memory	
PC Software Requirements	Windows 7:32/64 bit, Windows 8/10:64 bit	
Data Transfer and PC Connections	USB, Wifi	
Supply	AC110V-220V, 50Hz/60Hz (power adapter)	
Net Weight	2.3 KG	2.2 KG