

Photometrics System	Single-beam type
Light Source(s)	Tungsten Halogen Lamp & Deuterium Lamp (Built-in light source auto interchanging motor)
Detector	Silicon Photodiode
Spectral Bandwidth	1.8 nm (190 - 1100 nm)
Wavelength Range	190 - 1100 nm
Wavelength Display (setting)	0.1 nm
Wavelength Accuracy	< ± 1.0 nm at 486, 656.1 nm
Wavelength Repeatability	< ± 0.1 nm
Slew Rate	About 7,800 nm/min

Scanning Speed	max 4,000 nm/min
Photometric Range	Absorbance : -3 A - 3 A Transmittance : 0% - 300%
Photometric Accuracy	5 mAbs at 0.0 - 0.5 A < 1% at 0.50 - 2.0 A at 546 nm
Photometric Repeatability	± 0.003 at 1.0 A
Baseline Stability	< 0.001 A/h
Baseline Flatness	< 0.003 A/h (220 - 1050 nm)
Stray Light	< 0.05%T (220 nm, 340nm)
Monochromator	Czerny-Turner type with 1200 lines/nm blazed grating

Standard Cell Holder	Automatic Rotary type 8-position Multi-Cell Holder
Lamp Interchange Wavelength	340 - 410 nm (Default 370 nm)
Operating System (OS)	Windows® CE
Display	7 inch color LCD with touch screen
Control Options	Onboard with built-in touchscreen, Computer
Dimensions (W*D*H)	433 mm*381 mm*180 mm
Power Requirement	100 - 240 V; 50 - 60 Hz
Weight	8 kg
Preprogrammed Method	> 80 (Hach), > 130 (Merck)

PC Software

(optional) OPTIZEN View for Windows®