



Specifications		
Product Image		
Product Name	OPTIZEN POP	OPTIZEN POP-V
Photometrics System	Single-beam type	
Light Source(s)	Tungsten Halogen Lamp & Deuterium Lamp (Built-in light source auto interchanging motor)	Tungsten Halogen Lamp
Detector	Silicon Photodiode	
Spectral Bandwidth	< 1.8 nm	< 3.0 nm
Wavelength Range	190 - 1100 nm	340 - 1100 nm
Wavelength Display (setting)	≥ 0.1 nm	
Wavelength Accuracy	< ± 0.5 nm (at D2 peak 656.1, 486.0 nm)	
Wavelength Repeatability	< ± 0.1 nm	< ± 0.2 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	< ± 0.005 A (at 1.0 A), < ± 0.003 A (at 0.5 A)	
Photometric Repeatability	< ± 0.001 A	
Baseline Stability	< ± 0.001 A/h (at 700 nm)	< ± 0.002 A/h
Baseline Flatness	< ± 0.001 A (200 - 1100 nm)	< ± 0.003 A (340 - 1050 nm)
Stray Light	< 0.1%T (220, 340 nm)	
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	
PC Software	(optional) OPTIZEN View for Windows®	