

	OPTIZEN Alpha	OPTIZEN™ POP	OPTIZEN™ POP-V	OPTIZEN™ QX
Fotometrik Sistem	Double-beam type	Single-beam type	Single-beam type	Single-beam type
Işık Kaynağı(ları)	Tungsten halogen lamp, Deuterium lamp (Built-in light source auto interchanging motor)	Tungsten halogen lamp, Deuterium lamp (Built-in light source auto interchanging motor)	Tungsten halogen lamp, Deuterium lamp (Built-in light source auto interchanging motor)	Tungsten halogen lamp, Deuterium lamp (Built-in light source auto interchanging motor)
Dedektör	Silicon Photodiode	Silicon Photodiode	Silicon Photodiode	Silicon Photodiode
Spektral Bant Genişliği	Fixed - 1.0 nm (190 to 1100 nm) Variable - 0.5 nm, 1 nm, 1.5 nm, 2 nm, 4 nm (optional)	< 1.8 nm	< 1.8 nm	< 1.8 nm
Dalga Boyu Aralığı	190 to 1100 nm	190 to 1100 nm	340 to 1100 nm	190 to 1100 nm
Dalga Boyu Göstergesi	0.05 nm	0.1 nm	0.1 nm	0.1 nm
Dalga Boyu Doğruluğu	<± 0.3 nm (for entire range) <± 0.1 nm (at 656.1 nm)	<± 0.5 nm	<± 0.5 nm	<± 0.5 nm
Dalga Boyu Tekrarlanabilirliği	<± 0.1 nm	<± 0.1 nm	<± 0.2 nm	<± 0.1 nm
Dalga Boyu Eğim Oranı	25,000 nm/min	7,800 nm/min	7,800 nm/min	7,800 nm/min
Tarama Hızı (Maks.)	6,000 nm/min	4,000 nm/min	4,000 nm/min	4,000 nm/min
Lamba Değişim Dalga Boyu	340 to 410 nm (Default 370 nm)	340 to 410 nm (Default 370 nm)		340 to 410 nm (Default 370 nm)
Fotometrik Aralık		3 Abs	3 Abs	3 Abs
Fotometrik Gösterge	Absorbance: -4 A to 4 A Transmittance: 0% to 400%	Absorbance : -3 A to 3 A Transmittance : 0% to 300%	Absorbance : -3 A to 3 A Transmittance : 0% to 300%	Absorbance : -3 A to 3 A Transmittance : 0% to 300%
Fotometrik Doğruluk	<± 0.002 Abs at 0.5 Abs <± 0.004 Abs at 1.0 Abs <± 0.006Abs at 2.0 Abs (NIST930D/NIST1930 or equivalent)	<± 0.003 Abs at 0.5 Abs <± 0.005 Abs at 1.0 Abs (NIST SRM 930e)	<± 0.005 Abs at 0.0 to 0.5 Abs <± 1% Abs at 0.50 to 2.0 Abs (NIST SRM 930e)	<± 0.005 Abs at 0.0 to 0.5 Abs <± 1% Abs at 0.50 to 2.0 Abs (NIST SRM 930e)
Çevresel gereksinimler	Temperature: 15 °C to 35 °C Humidity: 30 % to 80 %			
Baseline stabilitesi	<0.0003 Abs/h (700 nm, after one hour warm-up)	< 0.001 Abs/h (700 nm, after one hour warm-up)	<0.002 Abs/h (700 nm, after one hour warm-up)	< 0.001 Abs/h (700 nm, after one hour warm-up)
Baseline Flatness	<0.0005 Abs rms (190 to 1,100 nm, after one hour warm-up)	< 0.001 Abs rms (200 to 1,100 nm, after one hour warm-up)	<0.003 Abs rms (340 to 1,050 nm, after one hour warm-up)	< 0.001 Abs rms (200 to 1,100 nm, after one hour warm-up)
Fotometrik Tekrarlanabilirlik	± 0.0002Abs at 0.5 Abs ± 0.0006Abs at 1.0 Abs ± 0.0010Abs at 2.0 Abs			± 0.003 Abs
Kaçak Işık	< 1.00 % (at 198 nm with 1.2% KCl) < 0.05 % (at 220 nm with 0.1% NaI) < 0.05 % (at 340 nm with 0.5% NaNO2)	< 0.05 % (at 220 nm with 0.1% NaI) < 0.05 % (at 340 nm with 0.5% NaNO2)	< 0.05 % (at 340 nm with 0.5% NaNO2)	< 0.05 % (at 220 nm with 0.1% NaI) < 0.05 % (at 340 nm with 0.5% NaNO2)
Fotometrik Gürültü	< 0.00005 Abs rms (at 700 nm)	< 0.0002 Abs rms (at 700 nm)	< 0.0002 Abs rms (at 700 nm)	< 0.0002 Abs rms (at 700 nm)
Monokromatör	Czerny-Turner Monochromator	Czerny-Turner Monochromator	Czerny-Turner Monochromator	Czerny-Turner Monochromator
Standart Hücre Tutucu	Automatic Rotary type 8-position Multi-Cell Holder	Multi-cell (8 cells)	Multi-cell (8 cells)	All-in-One Cell
İşletim Sistemi (OS)	Windows 10 (Embedded PC)	Android	Android	Android
Ekran	8 inch color LCD with touch screen	7-inch (Resolution: 1280 x 800)	7-inch (Resolution: 1280 x 800)	7-inch (Resolution: 1280 x 800)
Kontrol Seçenekleri	Stand-alone PC	Stand-alone PC	Stand-alone PC	Stand-alone PC
Boyutlar (G*D*Y)	520 x 500 x 200 mm	433 x 381 x 180 mm	433 x 381 x 180 mm	433 x 381 x 180 mm
Güç Gereksinimi	AC 100-240 V, 50/60 Hz, 140 VA	AC 100-240V, 50/60Hz, 140VA	AC 100-240V, 50/60Hz, 140VA	AC 100-240V, 50/60Hz, 140VA
Ağırlık	14 kg	10.5kg	10.5kg	10.5kg
PC Yazılımı	(optional) View for Windows	(optional) View for Windows	(optional) View for Windows	(optional) View for Windows
Önceden Programlanmış Yöntem				> 130 (Hach), > 480 (Merck)
Bağlantı	RJ45 ethernet (PC, printer) USB A type * 2 (USB Drive, printer) RS-232 * 1, USB B type * 1 (Debugging & FW update)	RJ45 ethernet (PC, printer) USB A type * 2 (USB Drive) RS-232 * 2, USB B type * 1 (Debugging & FW update)	RJ45 ethernet (PC, printer) USB A type * 2 (USB Drive) RS-232 * 2, USB B type * 1 (Debugging & FW update)	RJ45 ethernet (PC, printer) USB A type * 2 (USB Drive) RS-232 * 2, USB B type * 1 (Debugging & FW update)