

Spectrophotometer Single Beam

Fully Optional and Fully Automatic (UV-VIS-NIR)



Single Beam

AURORA

Optical Specifications	Description
Light Source	Deuterium Tungsten - Halogen
Wavelength Range	185 - 1200 nm
Wavelength Accuracy	± 0.1 nm
Wavelength Repeatability	< 0.1 nm
Wavelength Resolution	.0 1 nm
Stray Light	<0.03%
Photometric Range	Absorbance: -4 to 4Abs
	Transmittance: 0 to 400%
Photometric Accuracy	±0.004Abs(0.5Abs)
	±0.006Abs(1.0Abs)
	±0.008Abs(2.0Abs)
Photometric Repeatability	Less than ±0.002Abs at 0.5Abs
	Less than ±0.0025Abs at 1.0Abs
	Less than ±0.003Abs at 2.0Abs
Communication	USB 2
Cell Holder	One Cell Holder
Scan Time	100µs - 1000 ms
Signal /Noise	700:1
Display	Digital LED Display (Touch Screen)
Printer	Thermal
Detector	CCD 3648 Channels
Dimensions	150* 250* 330 mm
Weight	10 kg
Power Requirement	220 V AC 50/60 Hz
Environmental Requirements	Temperature: 15c to 35c
	Humidity: 30% to 80%

Spectrophotometer Single Beam

Fully Optional and Fully Automatic (VIS-NIR)



Optical Specifications	Description
Light Source	Tungsten - Halogen
Wavelength Range	350 - 1200 nm
Wavelength Accuracy	± 0.1 nm
Wavelength Repeatability	< 0.1 nm
Wavelength Resolution	.0 1 nm
Stray Light	<0.03%
Photometric Range	Absorbance: -4 to 4Abs
	Transmittance: 0 to 400%
Photometric Accuracy	±0.004Abs(0.5Abs)
	±0.006Abs(1.0Abs)
	±0.008Abs(2.0Abs)
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