



FLUORESCENCE SPECTROPHOTOMETER BKG-1501

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SPECIFICATIONS

Model	BKG-1501
Wavelength Range	200-650nm
Spectral Bandwidth	10nm
Wavelength Accuracy	±1nm
Excitation light source	High brightness LED
Optical system	C-T configuration diffraction grating monochromator
Excitation wavelength	365 nm LED equipped; extra 376 nm, 392 nm, and 405 nm LEDs included in the package
Emission wavelength	200-650 nm; optional extension to 200-900 nm
Emission wavelength accuracy	±1 nm
Emission wavelength reproducibility	≤0.5 nm
S/N ratio	S/N ≥90 (Peak-to-Peak)
Detection limit	1 x 10 ⁻¹⁰ g/mL quinine sulfate solution
Linearity (γ)	≥0.995
Repetitive peak intensity	≤1.5%
Zero drift	≤0.3 within 10 min
Upper limit change of indicating value	≤1.5% within 10 minutes (display value ≥50)
Power type	220V ±22V; 110V ±22V
Dimensions	442 x 392 x 250 mm
Net weight	10 kg
Gross weight	12 kg
Alt Name	Fluorescence Spectrophotometer



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com