



DOUBLE BEAM SCANNING UV VISIBLE SPECTROPHOTOMETER BEQ-3501

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DOUBLE BEAM UV/VIS SPECTROPHOTOMETER



Double beam ensure low drift, low noise, and Low stray light
High-speed MCU, high precision AD, large storage capacity
Large LCD display (320*240 Dots)
8 nm Bandwidth meets Pharmacopoeia
Data and Curve can be stored in real-time
Online software upgrade capability
Lamps can be turned on/off individually
Easy to change Pre-aligned lamps

SPECIFICATIONS

Model	BEQ-3501
Wavelength Range	190-1100nm
Spectral Bandwidth	1.8 nm / 1.0 nm optional
Wavelength Accuracy	±0.3 nm
Optical System	Double Beam, Blazed Holographic Grating (1200 lines/mm)
Wavelength Repeatability	≤0.2 nm
Wavelength Setting	Auto, Resolution 0.1 nm
Photometric Range	0-200%T, - 0.3 - 3A, 0-9999C
Photometric Accuracy	±0.002A (0-0.5A), ±0.003A (0.5-1A), ±0.3%T (0-100%T)
Photometric Repeatability	≤0.001A (0-0.5A), ≤0.002A (0.5-1A), ≤0.2%T (0-100%T)
Stray Light	≤0.05%T (220/360 nm)
Scan Speed	High, Medium, Low; Max. 2000 nm/minute
Baseline Flatness	±0.001A
Stability	±0.001A/h (500 nm, 0A)
Noise	≤0.2%T/3 min (250/500 nm, 0%T); ≤0.3%T/3 min (250/500 nm, 100%T)
Sample Compartment	Accommodates 5-100 mm Pathlength Cuvette
Detector	Silicon Photodiode
Lamps	Tungsten Lamp & Deuterium Lamp (Pre-aligned)
Display	Graphic LCD (128 x 64 Dots)
Keypad	30-key Alphanumeric Membrane Keypad
Output Port	USB Port & RS232 Port
Printer	Mini Serial Printer; PC Printer
PC Software	PC Scanning Software
Power Requirements	AC 90-250 V, 50/60 Hz
Dimension	545 x 468 x 245 mm
Net Weight / Gross Weight	21 kg / 25 kg
Alt Name	Double Beam UV/VIS Spectrophotometer

ACCESSORIES FOR PURCHASE

No	Name
1	PC scanning software

2	Tungsten Lamp
3	Deuterium lamp
4	Micro cuvette cell holder (one-position)
5	Manual 4-positions cell holder
6	Automatic 4/8 positions cell holder



Biolab Scientific Ltd.

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

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