



DOUBLE BEAM SCANNING UV VISIBLE SPECTROPHOTOMETER BEQ-3701

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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 meet Pharmacopoeia
Data and Curve can be stored in real-time
Online software upgrade capability
Lamps can be turned on/off individually
Easy to change Pri-aligned lamps

SPECIFICATIONS

Model	BEQ-3701
Wavelength Range	190-1100nm
Spectral Bandwidth	0.5/1/1.5/2/4/5nm adjustable
Wavelength Accuracy	±0.3nm
Optical System	Double Beam , Blazed Holographic Grating (1200 lines/mm)
Wavelength Repeatability	≤0.2nm
Wavelength Setting	Auto, Resolution 0.1nm
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(220/360nm)
Scan Speed	High, Medium, Low. Max.2000nm/minute
Baseline Flatness	±0.001A
Stability	±0.001A/h (500nm,0A)
Noise	≤0.2%T/3min (250/500nm,0%T); ≤0.3%T/3min (250/500nm,100%T)
Sample Compartment	Accommodate 5-100mm Pathlength Cuvette
Detector	Silicon Photodiode
Lamps	Tungsten Lamp & Deuterium Lamp (Pre-aligned)
Display	Graphic LCD (128x64 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 90-250V,50/60Hz
Dimension	545x468x245mm
Net Weight / Gross Weight	21kgs / 25kg
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
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