

DOUBLE BEAM UV-VIS SPECTROPHOTOMETER WITH SOFTWARE - MODEL ELITE



Auto 8 - Allied Cuvette Rack



CAT. NO.: BE/CI/SP/DB-S-04



Complementary Quartz Cuvette 1 Case (2 No.)

FEATURES

- Compact Design with Attractive Look made up of engineering plastic
- 8 inch crystal clear touch screen display
- Data Can be easily stored and retrieve with one touch function
- Loaded with 6 spectrophotometric programmes
- Easy Connectivity to Software with Additional Programme (DNA/RNA and Protein Measurement)
- Comes with wide wavelength range and specialized one touch key for easy shifting of wavelength
- Spacious sample compartment with eight position cell rack
- High accuracy of measurement reading
Low stray light and high resolution
- Motorized cell rack for uninterrupted analysis
- Auto 0% and Auto 100% and Error free T/A Transformation
- C-T Configuration Diffraction Grating Monochromator
- High quality blazed holographic grating ensures excellent optical performance
- Built in SCM Technology for circuit control section
- Display a wide range of operating parameter and measurement tips on LCD thus offer ease of use and reading
- Specially designed touch panel cover for protection
- Additional cuvette holder rack provided within machine
- Excellent Reliability and stability

MAIN FUNCTIONS

- Photometric Measurement • Kinetic Analysis
- Quantitative & Spectrum Measurement
- Multiwavelength Measurement
- Curve generation and analysis within machine

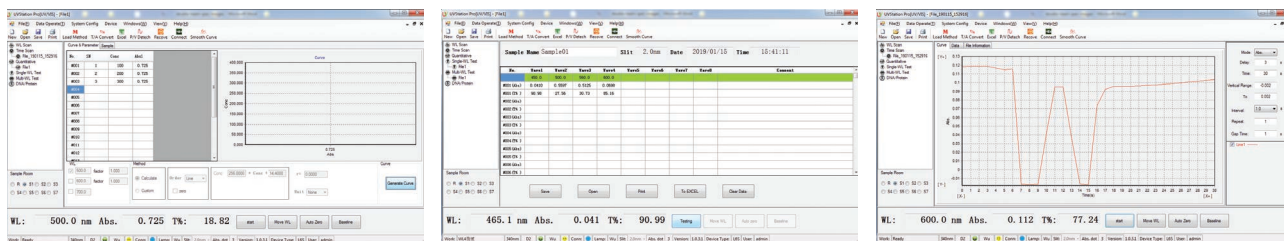
SOFTWARE FUNCTIONS

- Photometric Measurement • Kinetic Analysis
- Quantitative & Spectrum Measurement
- Mutliwavelength Measurement
- DNA/RNA and Protein Measurement
- Data Storage • Print Preview and Print

OPTIONAL ACCESSORIES

CAT NO.	DESCRIPTION	APPLICABILITY	QUANTITY
BI/SP/Acc/01	Halogen Tungsten Lamp	All Models	1 No
BI/SP/Acc/02	DX Deuterium Lamp	UV-Vis Models	1 No
BI/SP/Acc/05	Glass Cuvette	All Models	1 Case
BI/SP/Acc/09	Quartz Cuvette	UV-Vis Models	1 Case

SOFTWARE SCREENSHOTS



TECHNICAL SPECIFICATION

PARAMETER	SPECIFICATIONS
Cat. No.	BE/CI/SP/DB-S-04
Display	8-inch 800 X 480-pixel Graphic Display with Touch Screen
Lamp	Deuterium and Tungsten Halogen Lamp
Optical system	C-T Configuration Diffraction Grating Monochromator
Receiver	Silicon Photovoltaic cells
Wavelength Range	190 - 1100 nm
Wavelength Run Mode	Auto Scanning
Wavelength Accuracy	±0.5 nm
Wavelength Reproducibility	≤0.2 nm
Spectral Bandwidth	1 nm
Photometric Accuracy	±0.5 %
Photometric Reproducibility	≤0.2 %
Photometric Range	-0.300 – 4.000 A
Concentration Range	0 - 99999
Stray Light	≤0.1 %
Stability	<0.001 A
Noise	≤0.1 %
Cuvette Position	Model Elite Auto 8 - Allied Motorised Cuvette Rack Model Fount Two Cuvette Compartment for Reference & Test Sample
Software	Quantitative And Qualitative Analysis Software
Power Requirements	110/240 V AC; 50 – 60 Hz
Physical Dimensions	560 X 410 X 265 mm
PC Interface	RS232 Serial Interface and USB Interface
Software Support	UV-Station Pro & USB
Net Weight	21 kg