

# SINGLE BEAM UV-VIS SPECTROPHOTOMETER WITH SOFTWARE



Inbuilt Printer



4 Place Detachable Cell Rack



CAT. NO.: BE/CI/SP/SB-S-03



7 in  
DISPLAY



TOUCH  
function



USB  
PC  
Interface

Complementary Quartz Cuvette 1 Case (2 No.)

## FEATURES

- Compact Design with Attractive Look made up of engineering plastic
- 7 inch crystal clear touch screen display
- Data Can be easily stored and retrieve with USB Interface
- Easy Access to Software and compatible with all latest operating system
- Additional Feature With Software (DNA/ RNA and Protein Measurement)
- Excellent Reliability and stability
- Advance optical system
- Come with in Built Printer facility
- High accuracy of measurement reading
- Low stray light and high resolution
- Auto 0% and Auto 100% and Error free T/A Transformation
- C-T Configuration Diffraction Grating Monochromator
- Precise 1200 lines/mm Grating
- Built in SCM Technology
- Display a wide range of operating parameter and measurement tips on LCD thus offer ease of use and reading
- 4 Place Detachable Cell Rack

## MAIN FUNCTIONS

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

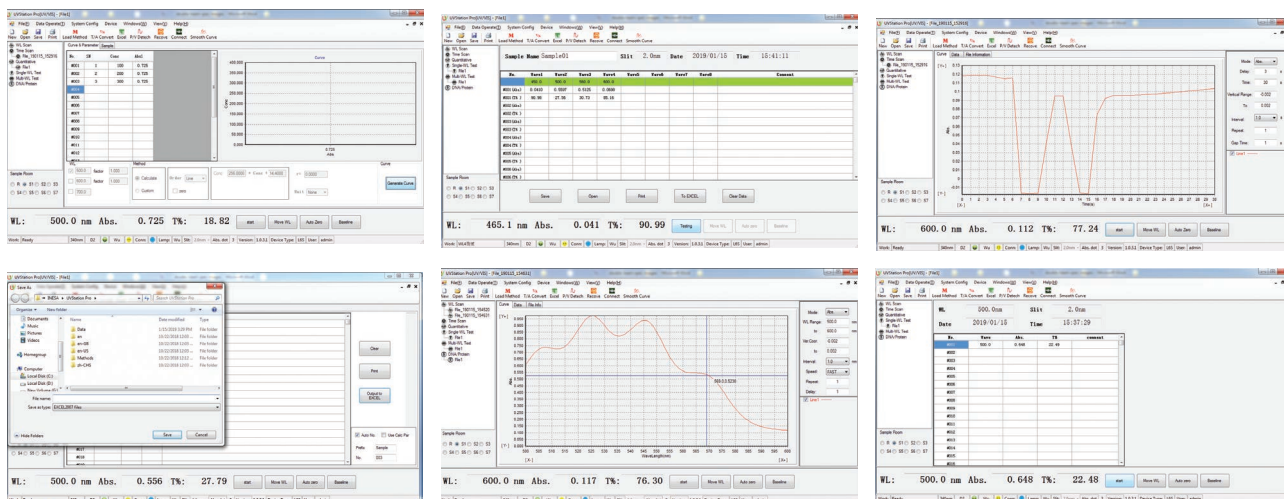
## SOFTWARE FUNCTIONS

- Photometric Measurement
- Quantitative Measurement
- Kinetic Analysis
- Multiwavelength Measurement
- Spectrum Measurement
- DNA/RNA and Protein Measurement

## 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/SB-S-03
Display	7-inch Display with Touch Screen
Lamp	Deuterium Lamp and Halogen-Tungsten Lamp
Optical System	C-T Configuration Diffraction Grating Monochromator
Receiver	Silicon Photovoltaic Cells
Wavelength Range	190 - 1100 nm
Wavelength Accuracy	±1 nm
Wavelength Reproducibility	≤0.5 nm
Spectral Bandwidth	4 nm
Photometric Accuracy	±0.5 %
Photometric Reproducibility	≤0.2 %
Photometric Range	-0.300 – 4.000 A
Concentration	0 - 99999
Transmission	0 – 125 %
Stray Light	≤0.5 %
Stability	<0.04 A / 30 min; (at 500nm, after 30 min warm-up)
Noise	≤0.1 %
Software Features	Photometric Measurement Kinetics Measurement Spectrum Measurement Multiwavelength Measurement Quantitative Measurement DNA/RNA and Protein Measurement
Power Requirements	110/240 V AC; 50 – 60 Hz
Physical Dimensions	475 X 370 X 230 mm
Software Support & Interface	UV-Station Pro & USB
Weight	16 kg