



SYSTRONICS (INDIA) LIMITED

- 10.1 INCH MULTI-TOUCH LCD WITH 1200X800 RESOLUTION
- SUPPORT WINDOWS 10 OR HIGHER VERSION
- INBUILT SMART STATION WITH WINDOWS 10 OPERATING SYSTEM
- SEPARATE LOGIN FOR ADMINISTRATOR AND USER
- SUPPORT UP TO FIVE DIFFERENT USER LOGIN
- AUDIT TRAIL FUNCTION
- STANDALONE AND PC OPERATING MODE
- BLUETOOTH AND WIFI CONNECTIVITY
- INBUILT 128 GB MEMORY AND EXPANDABLE
- SPECIAL PROVISION FOR NITRATE AND FLUORIDE ANALYSIS
- FIVE AUTOMATIC POSITIONING SAMPLE HOLDERS (FOR 10MM PATH LENGTH CUVETTE)
- SUPPORT ALL PRINTERS SUPPORTING WINDOWS 10 OR HIGHER VERSION
- 1 NM BANDWIDTH
- WAVELENGTH RANGE 190 NM TO 1100 NM
- %T, ABS, CONCENTRATION (BY K-FACTOR, BY STANDARD, OR BY SAVED STANDARD), DNA AND PROTEIN ANALYSIS, MULTICOMPONENT ANALYSIS, FLUORIDE ANALYSIS, NITRATE ANALYSIS, AND TIME SCAN
- AUTOMATIC LAMP SELECTION
- AUTOMATIC SAMPLE POSITION
- AUTOMATIC STRAY LIGHT CORRECTION
- AUTOMATIC DARK CORRECTION
- AUTOMATIC WAVELENGTH SELECTION AND ORDER CUT-OFF FILTER SELECTION
- SUPPORT 20MM/40MM/50MM/100MM PATHLENGTHS (OPTIONAL)

UV-VIS SPECTROPHOTOMETER 117-TS



REGISTERED OFFICE / HEAD OFFICE

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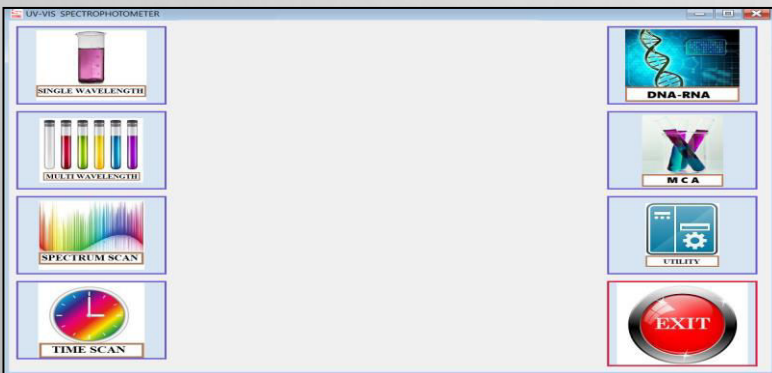
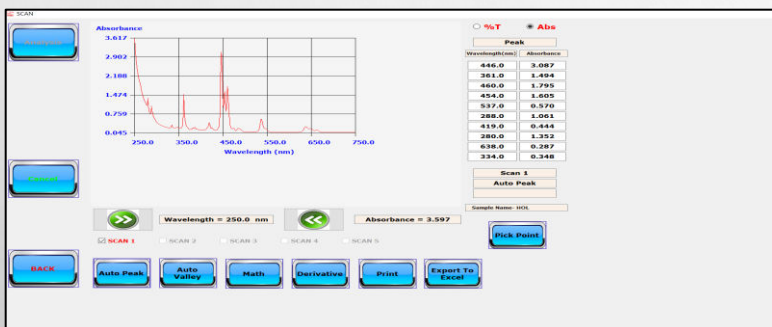
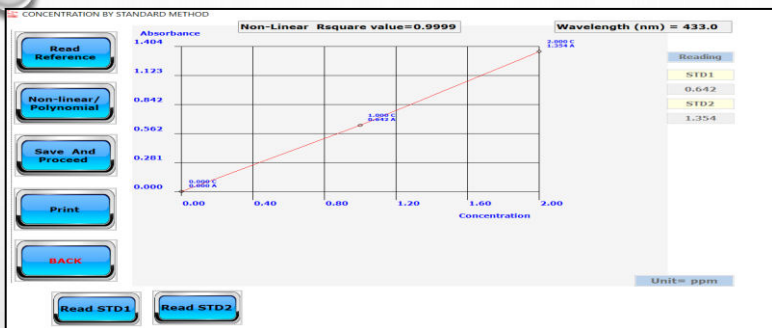
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UV-VIS SPECTROPHOTOMETER 117-TS



Parameter	Specification
Type	Uv-Vis Spectrophotometer
Source	Deuterium lamp and tungsten halogen lamp
Detector	One-Photodiode
Grating	Holographic diffraction Grating -1200mm lines/mm
Automatic function	a) Automatic lamp section b) Automatic wavelength selection, filter selection c) Automatic Dark correction d) Automatic Cuvette Selection- Five position
Range of operation	Wavelength 190 nm to 1100nm Photometric Absorbance Up to + 4.0 Abs Transmittance 0 to 100 %T
Bandwidth	1.0 nm
Resolution	0.1 nm, 0.001 Abs & 0.1 %T
Measurement mode	%T, Abs, Concentration (By K-factor, BY standard, or BY saved Standard), DNA and Protein analysis, Multicomponent analysis, Fluoride analysis, Nitrate analysis, And Time Scan
Path length	Default 10 mm path length, compatible with 20 mm, 40 mm, 50 mm & 100 mm
Accuracy	Wavelength ± 0.5 nm Absorbance ± 0.005 Abs Transmittance $\pm 0.5\%$ T
Display	In-built Display LCD Touchscreen (1200x 800 Resolution)-Multitouch Size- 10.1 Inch
Other parameters	Total Memory 128 GB Printer port External Support All printers supporting windows 10 or Higher version PC connectivity YES, through USB Other connectivity Wi-Fi And Bluetooth
Operating system	Windows 10 or Higher
Power supply	230 V \pm 20 volt and 50Hz
Operating temperature	8 - 48 degree Celsius
Operating humidity	40 to 85 %
Accessories	2 number cuvette, pen drive, USB cable, Manuals
Password Protection	Yes,
Administrator and User Login	Yes
Audit Trial	Yes
Provision for organization name, Chemist name & Instrument ID	Yes
Inbuilt Debug Software	Yes