

UV-VIS DIGITAL SPECTROPHOTOMETER

Features:

The advantages of the UV-VIS Spectrophotometer Type 108 at a glance:

- High resolution, reliable, single beam, manual
- Digital Wavelength with 0.1 nm increments
- 200 – 900 nm Range
- 0.5 nm Bandwidth
- Wide range, low noise Photo multiplier tube (PMT) detector
- Manual 4 position sample changer
- Single Position 20/50 mm Cuvette Holder (Optional)



μ CONTROLLER BASED UV-VIS SPECTROPHOTOMETER

Features:

The advantages of the μ Controller Based UV-VIS Spectrophotometer 117 at a glance:

- Micro controller based, stand alone unit
- 20 X 4 alphanumeric LCD display
- Automatic source optimisation
- 200 – 1100 nm range
- 1 nm bandwidth
- %T, ABS, CONC measuring modes
- Single / Multi wavelength and Spectrum / Time Scan operating modes
- Data processing (Stand – alone) Peak – pick, 1st derivative
- Date processing (through optional PC) Peak-pick, Point-pick, Expansion / Overlaying / Averaging / Subtraction / 1st to 4th derivatives of spectra, besides storage and retrieval of data
- Automatic 5- position sample changer. 500 μl sample in 1 ml cuvette and 2 ml in 4 ml cuvette



μ CONTROLLER BASED UV-VIS SPECTROPHOTOMETER

Features:

The advantages of the μ Controller Based UV-VIS Spectrophotometer 117 TS at a glance:

- Optics Single Beam With Holographic Diffraction
- Optics - Single Beam With Holographic Diffraction Plane Grating (grating - 1200mm Lines/mm)
- 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)



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