

UV Visible Spectrophotometer



- Inbuilt Desktop OS based PC with high resolution mul-point capacitive screen
- Inbuilt Wi-Fi support. Run analysis from Laptop, Tablet without connecting anywhere!
- CFR21 part 11 analysis software with server-client architecture
- Should sign PDF results digitally directly within application using DST key
- Auto wavelength selection and correction based on D2 peaks
- Individual control over D2 and Visible lamps to extend lifetime
- Pre-aligned opts allow easy lamp change operation Large sample compartment to accommodate various path length cuvettes
- Wavelength range of 180 to 1,100 nm
- Automatic changeover of wavelength with configurable wavelength.
- Double beam optics
- Resolution of 0.1nm for fixed and upto 4.0nm for variable configuration
- Accuracy of +/-0.05nm @ 656.1nm +/-0.3nm entire range
- Absorbance: -4.0 to 4.0 Abs
- Plug- in pre-aligned Halogen lamp and Deuterium lamp
- Blazed holographic grating in Czerny-Turner mounting Ethernet, Wi-Fi, Bluetooth, USB Mass Storage, Email, USB through PC
- Optional Accessories should include Microcell, Long path 20, 40, 50, 100 mm cell, Circular Test Tube holder, Peliter based constant temperature attachment controlled via software, Variable Slit setup, Automatic Multi-cell changer

Quanta Series

UV Visible Spectrophotometer



Parameter	Details
Wavelength range	180 to 1,100 nm
Lamp interchange wavelength	Automatic changeover of wavelength with configurable wavelength.
Photometric system	Double beam optics
Resolution	0.1nm for fixed and upto 4.0nm for variable configuration
Accuracy	+/-0.05nm @ 656.1nm +/-0.3nm entire range
Photometric range	Absorbance: -4.0 to 4.0 Abs
Light source	Plug- in pre-aligned Halogen lamp and Deuterium lamp.
Monochromator	Blazed holographic grating in Czerny-Turner mounting
Detector	Dual Silicon photodiode sourced from Hamamatsu Photonics
Output device	Ethernet, Wi-Fi, Bluetooth, USB Mass Storage, Email, USB through PC Optional –Bluetooth wireless Printer
Optional Accessories	Microcell, Long path 20, 40, 50, 100 mm cell Circular Test Tube holder Peltier based constant temperature attachment controlled via software Variable Slit setup

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