

Genesys 10 UV Spectrophotometer



Specifications:

Spectral bandwidth (nm)	5
Optical design	Split-beam, grating based, dual detectors
Lamp source	Xenon
Range (nm)	190 – 1100
Accuracy (nm)	±1.0
Repeatability (nm)	0.5
Photometric range	Absorbance -0.1 – 3.0 A Transmittance 0.3 – 125% T Concentration ± 9999 C
Software	Absorbance/Transmittance/Concentration, Standard Curve, Absorbance Ratio, Absorbance Difference, Kinetics, 3-Point-Net, Multiwavelength, Performance Validation, Cell correction, Smart™ Start Program
Scan function	Full scan, scan speed: 200 – 1000 nm/min
Data interface	Bi-directional RS232C

Manufacturer's Description:

- Routine absorbance and transmittance measurements can be performed from the instrument's main screen using a very simple three-step process. Concentration measurements only require two additional steps: measuring and entering the concentration of the standard.
- Simple keyboard-based operation and "Softkeys", specific to each screen, simplify setting up the instrument with your laboratory's test parameters.
- A powerful, long-lasting xenon lamp provides high energy light throughput for accuracy and precision – and runs for years without replacement.
- 6-position cell holder models hold a blank and up to five samples in 10 mm square cuvettes or 10 mm or 1/2" test tubes. The standard turret will measure all six positions automatically or can be rotated to specific positions by pressing the cell changer buttons.