

Offer For Genesys 50

UV-Visible range scanning spectrophotometer

Measurement modes

- ~ Live Display in Abs, %T or Concentration
- ~ Scanning
- ~ Fixed wavelength at multiple wavelengths with calculations
- ~ Quantitative Analysis
- ~ OD600 analysis
- ~ Kinetics
- ~ Programmable method library
- ~ Smart Start direct boot-up

Technical Specifications

- ~ Dual beam, Czerny-Turner optical system with internal reference detector
- ~ Light Source: Xenon flash lamp With 3 Years Warranty
- ~ Dual silicon photodiode detectors
- ~ Wavelength Measurement Range: 190 - 1100nm
- ~ Wavelength Accuracy: $\pm 0.5\text{nm}$
- ~ Wavelength Repeatability: $< \pm 0.2\text{nm}$
- ~ Data interval when scanning: 0.2, 0.5, 1, 2, 5 nm
- ~ Scan speeds: Slow, Medium & Fast - up to 1600nm/min
- ~ Photometric Display Range: -3A to +5A
- ~ Photometric Linear Range -2A to +3.5A
- ~ Photometric accuracy $\pm 0.002\text{A}$ at 0.5A. $\pm 0.004\text{A}$ at 1A. $\pm 0.008\text{A}$ at 2A
- ~ Spectral bandwidth = 2nm
- ~ Noise: $\leq 0.0002\text{A}$ at 0A; $\leq 0.0003\text{A}$ at 1A; $\leq 0.0004\text{A}$ at 2A @ 260nm and 500nm
- ~ Drift: $< 0.0005\text{A/hr}$
- ~ Stray light @198nm $< 1.0\%T$; @220nm $< 0.05\%T$; 340nm $< 0.03\%T$
- ~ Baseline Flatness $< 0.002\text{A}$

Design Features

- ~ Removable, washable sample compartment
- ~ Easy-access top-and-front sample comp't lid
- ~ 7 inch/17.8cm High Definition Color Touchpanel display; fixed; 1280 x 800 pixels
- ~ Sloping surfaces to shed spills

Sample Compartment:

- ~ Accessible from top, front or side
- ~ Able to accommodate cells up to 100 mm pathlength
- ~ Available accessory for test-tubes up to 25 mm diameter and 150 mm height
- ~ Removable, washable sample compartment liner with magnetic placement and hold-down

Connectivity:

- ~ Single USB-A supports flash memory devices for method and data storage
- ~ Duplex USB-A supports connection to a Windows computer running optional remote control software, keyboard, mouse
- ~ Export data to network or PC via Ethernet or Wi-Fi
- ~ Print via USB, Ethernet or Wi-Fi

Includes

- ~ Dust cover
- ~ Software for computer control and Off Line data analysis
- ~ A pair of Quartz cuvette with 10 mm path length and 3.5 ml volume
- ~ 2 Years Warranty

