



GENESYS™ 10 Visible and UV Visible Spectrophotometer

- **Customize and save up to 40 tests for secure, simple recall**
- **Automatic blank zeroing and cell rotation streamline complex tests**
- **Fine imaging allows 70- μ L microcell use without special cell holders**

Powerful optics, flexible sample handling, and versatile software give you peak performance in five languages. Six-cell position models hold a blank and up to five 10-mm square cuvettes or 10-mm, 1/2" dia test tubes. Turret measures all six positions automatically or you can rotate the cells to specific positions.

Visible wavelength spectrophotometers have a single-beam, single detector optical system to reduce stray light. UV/visible wavelength models feature split-beam optics with dual detectors. The xenon lamp flashes only as needed providing a superior signal-to-noise ratio with lower operating costs.

Built-in software performs complex calculations as effortlessly as simple measurements. Set the measurement mode, run single or multiple samples, print automatically, and perform statistical analysis.

Models with printer document time, date, test name, data, and results with graphs and sample number to satisfy GLP requirements. Display and optional printer give results in English, French, German, Spanish, or Italian.

What's included: single cuvette holder or six-position cell holder, US line cord. Printer models include one paper roll.

Specifications

Type	One-position cell holder
Model	Visible wavelength spectrophotometers
Wavelength range	325 to 1100 nm
Wavelength accuracy	± 1.0 nm
Wavelength reproducibility	± 0.25 nm
Photometric range	0.3 to 125% T; -0.1 to 2.5 A; 0 to 9999 C
Photometric accuracy	0.5% of reading up to 1.00 A; 1% of reading from 1 A to 2 A
Photometric noise	< 1 mA at 0 A; < 2 mA at 2 A, peak-to-peak at 340 nm
Photometric drift	<1 mA/hour after warmup
Photometric readout	Absorbance, transmittance, concentration
Bandwidth	5 nm
Stray light	<0.05% T at 340 and 400 nm
Display	320 x 240 pixel backlit LCD, 3.8" x 2.8"
Source lamp	Tungsten-halogen
Detector	Solid-state
Dimensions	13"W x 9"D x 16"H
Power	100 to 240 VAC (automatic selection)
Lamp life	1000 hours