

Product Specifications

GENESYS 20 Spectrophotometer

Part Number 4001 & 4004 Series

Optical Design	Single beam
Spectral Bandwidth	≤ 8 nm
Light Source (Typical Service Life)	Tungsten-Halogen (1000 hours)
Detector	Silicon Photodiode
Wavelength	
Range	325 to 1100 nm
Accuracy	± 2.0 nm
Photometric	
Range	-0.1- 2.5A; 125%T, 0-1999C
Readout	Absorbance, % Transmittance, Concentration
Accuracy	± 0.003A from 0.0 to 0.3A 1.0% from 0.301A to 2.5A, NIST 930D filters
Noise	≤ 0.001A at 0A ≤ 0.004A at 2A, 500 nm
Drift	0.003A/hour
Stray Light	< 0.1%T at 340 nm and 400 nm
Display	20-character, 2-line LCD
Keypad	Sealed Membrane Keypad
Standard Interfaces	RS-232C and Centronics ports
Languages	Software, printouts and operator's manual: English, French, German, Spanish, Italian (user selectable)
Power Requirements	Selected automatically; 100-240 Volts
Dimensions	30 cm W x 33 cm D x 19 cm H (12" W x 13" D x 7" H)
Weight	4.5 kg (10 lbs)
Warranty	1 Year