



GENESYS™ 20 Visible Spectrophotometer

Catalog number	Product Size	Type	Description
840-254000	-	GENESYS 20 with external miniprinter	GENESYS 20 with external miniprinter In Germany, France and Spain use Catalog #840-254300

Full specifications :

Product Size	-
Depth (English)	13 in.
Depth (Metric)	33 cm
Description	GENESYS 20 with external miniprinter In Germany, France and Spain use Catalog #840-254300
Detector Type	Silicon photodiode
Display	20 character, 2 line LCD
Drift	0.003 A/hr
Electrical Requirements	Selected automatically; 120V
Height (English)	7 in.
Height (Metric)	19 cm
Hertz	50/60 Hz
Includes	External mini-printer with all necessary cables and power supply
Interface	RS-232-C (serial)
Lamp	Tungsten-Halogen (typical service life 1000 hours)
Noise	$\leq 0.001A$ at 0A $\leq 0.004A$ at 2A, 500 nm
Optical Design	Single beam
Photometric Accuracy Instrument	$\pm 0.003A$ from 0.0 to 0.3A 1.0% from 0.301A to 2.5A, NIST 930D filters
Photometric Range	-0.1-2.5A; 0-125%T, 0-1999C
Photometric Readout	Absorbance, % Transmittance, Concentration
Spectral Bandwidth	≤ 8 nm
Stray Light	$< 0.1\%T$ at 340 nm and 400 nm
Type	GENESYS 20 with external miniprinter
Voltage	120V
Wavelength Accuracy	± 2.0 nm
Wavelength Range	325 - 1,100 nm
Weight (English)	10 lb.
Weight (Metric)	4.5 kg
Width (English)	12 in.
Width (Metric)	30 cm
Warranty	1 year