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Wavelength range (nm)	325 - 1100
Spectral bandwidth (nm)	8
Photometric range	-0,1 to 2,5 A; 0 to 125% T; 0 to 1999 C; absorbance, transmission, concentration, factors
Display	LCD, 20 character, 2 lines
WxDxH (mm)	300x330x190
Weight (kg)	4,5
Accessories included	Dust cover, operator manual and 5 disposable cuvettes
Optional internal printer	-
Storage of data	None
Supplied cell holder	Single cell for 10 mm path length square cells
Test storage	One set of parameters in non volatile memory
Wavelength accuracy	±2,0 nm

Description	Pk	Cat. No.
GENESYS™ 20 visible spectrophotometer, UK-plug	1	634-0385
Description	Pk	Cat. No.
Accessories		
Spare printer paper rolls (5) for GENESYS™ 20	5 Roll	634-0502
Filter set standards	1	634-2113
Spare single cell holder for GENESYS™ 20	1	634-0388
Test tube holder	1	634-1673
Spare halogen lamp for GENESYS™ 20	2	634-1000



Spectrophotometers, Vis and UV/Vis, GENESYS™ 10S Thermo Scientific



The GENESYS™ 10S models are compact, robust, economical, easy to use, scanning instruments. They are versatile and include software that has advanced functionality for more demanding samples, yet are easy to use for the routine sample. A range of optional application specific software is available that increases the flexibility of the instruments. See Life Science model (GENESYS™ 10S UV/Vis BIO) in the Biophotometers section.

- Intuitive and powerful internal software
- USB connectivity
- Instant on and maintenance-free Xenon flash lamp, guaranteed for three years
- UV/Vis model has 1,8 nm bandwidth that allows the system to meet Pharmacopoeia requirements for resolution
- Fast wavelength scanning

Delivery information: Supplied with a six position cell changer, single cell holder, spare fuses, USB memory device, USB cable, dust cover and operator manual.

Model	GENESYS™ 10S Vis	GENESYS™ 10S UV/Vis
Lamp source, lifetime	Tungsten halogen (1000 hrs)	Xenon flash, 5 years typically
Optical system	Single beam	Split beam - internal reference detector
Wavelength range (nm)	325 - 1100	190 - 1100
Spectral bandwidth (nm)	5	1,8
Wavelength accuracy (nm)	±1,0	
Photometric range	Up to 3,0 A at 340 nm	Up to 3,5 A at 260 nm
Photometric accuracy	0,5% or ±0,005 A, whichever is greater up to 2 A	±0,005 A at 1,0 A 0,010 A K ₂ Cr ₂ O ₇
Stray light	< 0,1%T at 340, and 400 nm	<0,08% T at 220, 340 nm (NaI, NaNO ₃) <1,0% 198 nm (KCl)
Scan speed (nm/min)	10 - 4200	
Display	Graphical 320x240 pixel backlit LCD (97x71 mm)	
Keyboard	Membrane keypad	
Interfaces	USB type A port for USB memory device (front panel) USB type B port for optional PC (rear panel) USB type A port for external printer (rear panel)	
Printer	Optional 40-column, internal, graphical	
Standard cell holder	Integral 6-position cell changer, single cell holder	
Power requirements	100 - 240 V, selected automatically	
WxDxH (mm)	300x400x250	
Weight (kg)	8,6	

Description	Pk	Cat. No.
GENESYS™ 10S Vis spectrophotometer, power leads with EU-plug and UK-plug	1	634-0593
GENESYS™ 10S Vis spectrophotometer with internal printer and power leads with EU-plug and UK-plug	1	634-0594
GENESYS™ 10S UV/Vis spectrophotometer, power leads with EU-plug and UK-plug	1	634-0595
GENESYS™ 10S UV/Vis spectrophotometer with internal printer and power leads with EU-plug and UK-plug	1	634-0596

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