

GENESYS™ 10S SPECTROPHOTOMETER



GENESYS™ 10S SPECTROPHOTOMETER

The Genesys™ 10S is comparable to spectrophotometers costing \$4000 and more.

The sophisticated built-in software allows you to:

- * Create and store your own standard curves (with seven different curve-fit options)
- * Measure up to 15 standards per curve
- * Calculate and display slope, intercept, and correlation value
- * Display the curve graphically or print it out**
- * Store up to 80 different curves, for recall when you need them

** By using an external computer, printer, or optional internal printer

Comes with cuvet holder for 10-12 mm ($\frac{1}{2}$ " round or square) cuvetts. Optional adapters are available for COD tubes, 1" test tubes, and longpath cells up to 50 mm.

Without printer **SM-3359** **2970.00/ea**
With internal printer **SP-3300** **3375.00/ea**

ACCESSORIES FOR THE GENESYS™ 10S

Description	NCL #	Price/ea
Lamps for Genesys™ 10 and 10S	MR33-59-23	90.00
Internal printer assembly	MR33-59-88	555.00
Cuvet adapter for 1" round cuvetts, COD vials, and 1" square Hach vials	MR33-60-14	129.00
Paper for MR33-54-88 (pk of 4)	MR33-54-54	34.65
Paper for MR33-59-88 (pk of 5)	MR33-59-54	34.00

GENESYS™ 20 SPECTROPHOTOMETER

GENESYS™ 20 SPECTROPHOTOMETER

The Spec™ 20 has been the hallmark of visible-light spectrophotometers for the past 50 years. For half a century, it has been the spectrophotometer of choice in most laboratories. In addition, virtually everyone who has taken a chemistry course has used them in high school and college.

The Genesys™ 20 is the digital version and the newest generation of the Spec™ 20. In addition to offering better resolution and reproducibility, the digital readout and microprocessor make results even more reliable. The same tests you ran on the Spec™ 20, now run faster, more efficiently, and yield more accurate results.

Features:

- * Digital readout
- * 10-key keypad
- * Measures in Absorbance (A), Transmittance (T), and Concentration (C) modes**
- * On-screen instructions and error messages
- * Built-in bidirectional RS232 interface
- * Built-in printer port
- * Range 325 to 1100 nm
- * 1 year warranty

**Concentration mode will only accommodate a blank and one standard.

Comes with cuvet holder for 10-12 mm ($\frac{1}{2}$ " round or square) cuvettes. Optional adapters are available for COD tubes, 1" test tubes, and longpath cells up to 50 mm.

Without printer **SM-4001** **1822.50/ea**
With internal printer **SM-4004** **1995.00/ea**

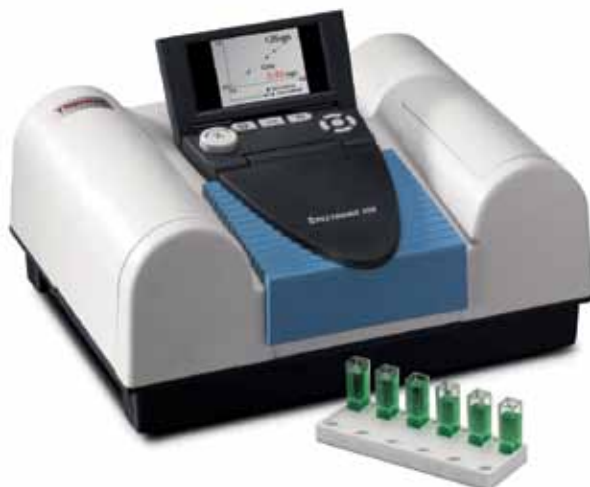


ACCESSORIES FOR THE GENESYS™ 20

Description	NCL #	Price
Lamps for Genesys™ 20 (pk of 2)	MR33-54-23	69.00
Cuvet Adapter for 25 mm Cuvets	MR-4011	114.95
COD Vial Holder	MR-4014	115.95
Cuvet Adapter for 1" Cuvets	MR-4015	115.95
20 column internal printer	MR-4088	555.00
Paper for MR33-54-88 (pk of 4)	MR33-54-54	34.65
Paper for MR-4088 (pk of 5)	MR-4054	57.00



SPECTRONIC™ 200 SPECTROPHOTOMETER



SPECTRONIC™ 200 SPECTROPHOTOMETER

Thermo Scientific, maker of the legendary Spectronic™ 20, brings you the visible spectrophotometer of choice for the 21st century. With ten times the features found on its predecessors, Spectronic™ 200 offers you:

- * 3 1/2" adjustable full-color display
- * Removable corrosion resistant sample compartment
- * Store and recall test methods using a USB device
- * Measurement range from 350 nm to 1000 nm
- * 4 nm spectral bandwidth, 1 nm wavelength resolution
- * Optional piQue™ software lets you store, print, and analyze data
- * 2 year warranty



Meter includes 2 removable cuvet racks and 10-1 cm plastic cuvettes. Accommodates both square and round cuvettes.

Without printer **MR-265** **1895.00/ea**

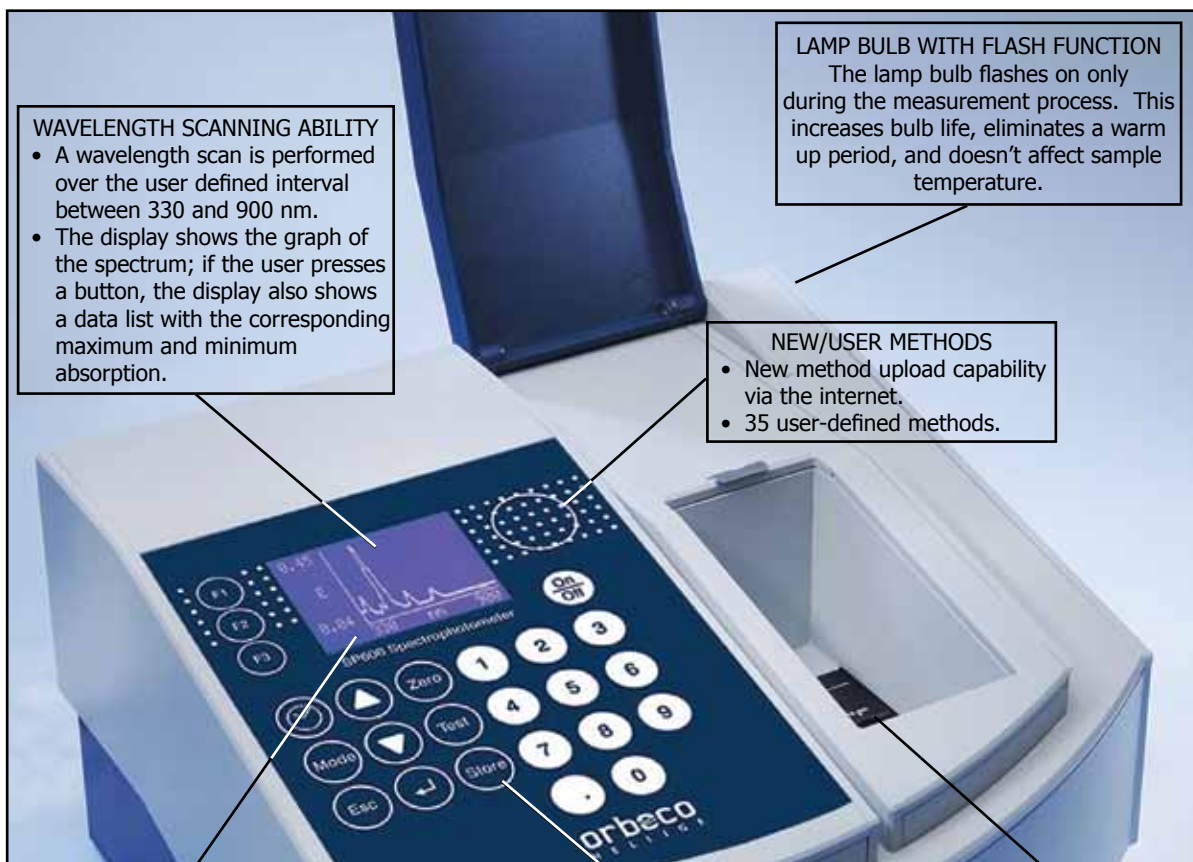
ACCESSORIES FOR THE SPECTRONIC™ 200



MR-268

Description	NCL #	Price
Lamp for Spectronic™ 200	MR-714	25.00
Cuvet Rack (pk of 6)	MR-222	30.00
Epson® TM-T88IV printer	MR-268	480.00
piQue software	MR-869	400.00
Rectangular long-path cell holder, 10 to 50 mm	MR-141	50.00
Cylindrical long-path cell holder, 10 to 50 mm	MR-142	50.00

SP600 SPECTROPHOTOMETER



WAVELENGTH SCANNING ABILITY

- A wavelength scan is performed over the user defined interval between 330 and 900 nm.
- The display shows the graph of the spectrum; if the user presses a button, the display also shows a data list with the corresponding maximum and minimum absorption.

LAMP BULB WITH FLASH FUNCTION
The lamp bulb flashes on only during the measurement process. This increases bulb life, eliminates a warm up period, and doesn't affect sample temperature.

NEW/USER METHODS

- New method upload capability via the internet.
- 35 user-defined methods.

LARGE LCD SCREEN

- Easy to read.
- Choose from up to 8 languages.
- Indigo blue backlight.

DATA STORAGE

- 1,000 point internal data storage with user/location ID, time and date stamp.
- Capability to download data sets to a computer.

MULTI-FUNCTIONAL SAMPLE CHAMBER
Accommodates sample cells ranging from 10 mm up to 50 mm without adapters.

USER CALIBRATION MODE

- Allows user to calibrate instrument to any government or organizational standard (for example N.I.S.T. or ISO).
- If the user is testing in a very specific range, resolution can be improved.
- Can be used to account for any interferences that are known to be present in the sample.
- Up to 35 user defined methods can be stored in the instrument for repeated use.



SP600 SPECTROPHOTOMETER
SP-600 2795.00/ea

Specifications			
Wavelength range	330 to 900 nm	Language options	English, German, French, Italian, Spanish, Portuguese, and Polish
Photometric range	-0.3 to 2.5 Abs	Storage capacity	1000 test data sets
Spectral bandwidth	10 nm	Serial interface	RS-232
Wavelength accuracy	±2 nm	Dimensions	10.63" L x 10.83" W x 5.9" H
Wavelength reproducibility	±1 nm	Weight	approx. 7 pounds
Light source	Pre-adjusted tungsten halogen lamp	Power supply input	100 - 240 V 1.0 A 50 60 Hz
Monochromator	Holographic grating	Power supply output	12V to 30 w AC or DC Powder
Detector	Silicon photodiode	Certification	CE



Order Toll Free 1.800.648.7836

www.nlabs.com

SPECTROPHOTOMETER ACCESSORIES

The following are accessories for the SP600 Spectrophotometer on page 156.

Description	NCL #	Price
External Battery Pack, 12V Ni/Cd	OS-050	328.30
Serial Cable (for new method uploads)	OS-080	77.90
Carrying Case	OS-150	329.40
Secondary Standard Set	OS-160	1784.30
Rectangular Cell, 10 mm	OS-040	24.50
Rectangular Cell, 50 mm	OS-070	68.10
Rectangular Cell, UV Quartz, 10 mm	OS-130	126.50
Lamp Assembly, Pre-adjusted	OS-000	185.50
Cleaning Cloth for Sample Cells	OS-635	9.00
Sample Cells, 24 mm glass w/cap, 12 Pack	OS-620	46.20
Sample Cells, 16 mm glass w/cap, 10 Pack	OS-665	32.70
Sample Cell Rack, 6 cell capacity, 24 mm cells	OS-999	17.10
RS232 to USB Converter	OS-USB	27.00



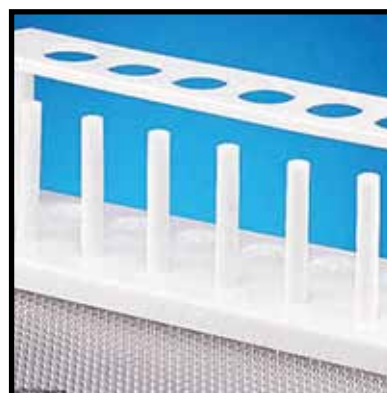
OS-665



OS-620



SP-600



OS-999

SPECTROPHOTOMETER ACCESSORIES

CUVETS FOR THE GENESYS™ 10, 10S AND 20 SPECTROPHOTOMETERS

Description	NCL #	Price
Round Glass Cuvet 10 mm ID x 88 mm long	SF-12C	6.85/ea 68.50/pk of 12
Round Glass Cuvet 12 mm ID x 100 mm long	SF-12B	6.60/ea 66.00/pk of 12
Glass Cuvets, 1"	MR33-17-73	10.60/ea 106.05/pk of 12
Disposable Cuvets	MR33-17-17	18.00/pk of 100 82.00/cs of 500



MR33-17-17

CUVET RACKS

POLYPROPYLENE TEST TUBE RACK



Nalgene three-tier design. Will not float or corrode in water baths. RN-13 works well as a cuvet rack for 1/2" (12 mm) cuvettes and RN-25 works well as a cuvet rack for 1" (25 mm) cuvettes. Autoclavable.

Opening Size	Openings	Color	NCL #	Price/ea
13 mm	72	white	RN-13	27.25
25 mm	40	red	RN-25	33.10

BULBS FOR HACH SPECTROPHOTOMETERS

For use with	NCL #	Price/ea
DR-20000/2010	LB-2010	80.25
DR-3000	LB-3000	47.60
DR-4000	LB-4000	246.25

