

thermo scientific



Thermo Scientific GENESYS UV-Vis Spectrophotometer Accessories

Make the most of every sample

ThermoFisher
SCIENTIFIC

Thermo Scientific GENESYS Accessories

Designed to enable you to work smarter, not harder



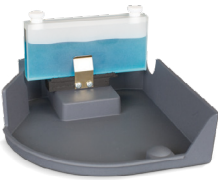
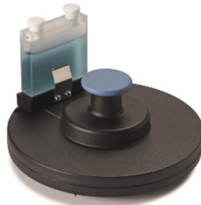
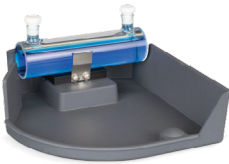

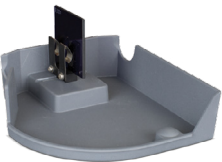
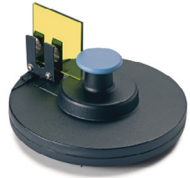
- We offer a wide variety of options to meet your measurement and high-throughput needs
- Cable-free, snap-in design allows for easy exchange of accessories

Single-cell holders

Solutions for measuring different types of samples

Single-cell sample holders

Available for all Thermo Scientific™ GENESYS™ and BioMate™ 160 spectrophotometers

GENESYS 30/40/50	Description	GENESYS 140/150/180 • BioMate 160
 Part Number 840-278600	Standard 10 mm single-cell holder <ul style="list-style-type: none">• Comes standard with each instrument	 Part Number 840-298900
 Part Number 840-277700	Long path rectangular cell holder <ul style="list-style-type: none">• For 10-100 mm pathlength cuvettes	 Part Number 840-303800
 Part Number 840-277800	Long path cylindrical cell holder <ul style="list-style-type: none">• For 5-100 mm pathlength cuvettes	 Part Number 840-303100
 Part Number 840-278100	Film/Filter holder <ul style="list-style-type: none">• Accommodates filters/lenses up to 50 mm long x 80 mm tall x 10 mm thick	 Part Number 840-303200

Test tube accessories

Available only for GENESYS 30/40/50 spectrophotometers

GENESYS 30/40/50

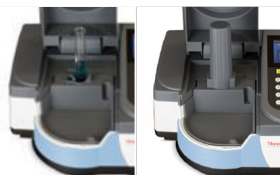
Description



Part Number 840-277500

Test tube holder

- Accommodates tubes and vials from 12 to 25 mm OD



Part Number 840-277600

Tall test tube cap

- Supports measurements of tubes and vials up to 150 mm tall with the sample lid open

Specialized single-cell sample holders

Available for GENESYS 140/150/180 and BioMate 160 spectrophotometers

Description

GENESYS 140/150/180 • BioMate 160

Disposable microcell holder

- Specially engineered microcell holder with integrated mask
- Use with disposable 50 μ L plastic UVettes®



Part Number 840-303300

Beckman-style cell holder

- Specially engineered holder for “Beckman-style” short microcells



Part Number 840-299000

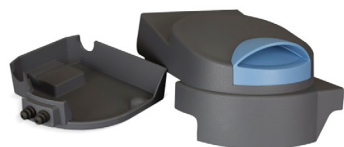


Configurable single-cell sample holders

Available for for GENESYS 30/40/50 spectrophotometers

GENESYS 30/40/50

Description



Part Number 840-278200

Accessory Kit for hose entry/exit

Please note: 10 mm square cell holder and thermostat rectangular cell holder requires the use of this accessory

Individual cell holders for accessory kit



Part Number 336028-000

10 mm square cell holder

Please note: Accessory kit, part number 840-278200, is required for use of this accessory



Part Number 335079-000

Thermostat rectangular cell holder

Please note: Accessory kit, part number 840-278200, is required for use of this accessory



Part Number 335917-000

Adjustable filter holder

Please note: Accessory kit is not required for this use of this accessory



Multi-cell accessories

Speed up your analysis with high-throughput measurements

Multi-cell sample holders

Available for GENESYS 140/150/180 and BioMate 160 spectrophotometers

Description

GENESYS 140/150/180 • BioMate 160

GENESYS 8-position carousel

- Holds up to 8 cells – increases sample throughput in busy labs
- Magnetic latch design for easy carousel exchange
- Compatible with 10 mm path length cells only
- Compatible with 4.5 mL cell and semi-micro cells with windows ≥ 3 mm width (≥ 1000 μ L)

Please note: Not compatible with microcells (less than 1000 μ L in volume or with GENESYS 30/40/50 spectrophotometers



Part Number 840-303400

GENESYS 4-position carousel with long path rectangular cell holders

- Accommodate four long-path rectangular cells up to 50 mm
- Magnetic latch design for easy carousel exchange

Please note: Not compatible with low volume cells (< 3.5 mL) or any other type of cell holder



Part Number 840-314700

Cell holder for 4-position carousel base

4 x long path cylindrical cell holder

- Configurable with part number 840-303600



Part Number 335911-000

Single-Cell Holders & Multi-Cell Holders	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
10 mm Square Cell Holder for GENESYS 30/40/50	840-278600	✓	✓	✓		
5-100 mm Path Cylindrical Cell Holder for GENESYS 30/40/50	840-277800	✓	✓	✓		
Individual Adjustable Filter Holder for GENESYS 30/40/50	335917-000	✓	✓	✓		
Film/Filter Holder for GENESYS 30/40/50	840-278100	✓	✓	✓		
Long Path Rectangular Cell Holder, 10 mm pathlength	840-277700	✓	✓	✓		
Individual Rectangular Cell Holder, 10 mm pathlength	336028-000	✓	✓	✓		
Test-Tube Holder for GENESYS 30/40/50	840-277500	✓	✓	✓		
Tall Test-Tube Cap for GENESYS 30/40/50	840-277600	✓	✓	✓		
Thermostat Rectangular Cell Holder for GENESYS 30/40/50	335079-000	✓	✓	✓		
GENESYS 8 Position Carousel for 10 mm Pathlength Cells	840-303400				✓	✓
GENESYS 4 Position Carousel with Long Path Rectangular Cell Holders	840-314700				✓	✓
GENESYS 4 Position Carousel Base for GENESYS 140/150/180 & BioMate 160	840-303600				✓	✓
5-100 mm Path Cylindrical Cell Holder for GENESYS 140/150/180 & BioMate 160	840-303100				✓	✓
Beckman Cell Holder for BioMate 160	840-299000				✓	✓
Cylindrical Cell Holder, no baseplate, 50 mm Pathlength	335911-000				✓	✓
Film/Filter Holder for GENESYS 140/150/180 & BioMate 160	840-303200				✓	✓
Individual Long Path Rectangular Cell Holder	840-284100				✓	✓
Long Path Rectangular Cell Holder for GENESYS 140/150/180 & BioMate 160	840-303800				✓	✓
Microcell Holder for GENESYS 140/150/180 & BioMate 160	840-303300				✓	✓
Single Cell Curvette Holder + base for GENESYS 140/150/180 & BioMate 160	840-298900				✓	✓



Temperature control

Ideal for life science applications such as biochemical kinetics, enzymatic food analysis and equilibrium studies

Temperature-control sample holders

Available for all GENESYS and BioMate 160 spectrophotometers

Description

GENESYS 140/150/180 • BioMate 160

Air-cooled Peltier thermostatted single cell holder

Accessory fits inside the sample compartment of the instrument.

- Includes cell holder for 10 mm pathlength square cells
- Temperature range 20°C to 60°C
- Fully controlled by the instrument on-board software or Thermo Scientific™ VISIONlite™ software
- Magnetic stirring (variable speed) for full size cells
- Suitable for use with unmasked cells $\geq 1000 \mu\text{L}$ nominal volume
- Microcells $< 1000 \mu\text{L}$ must be masked type
- Additional 10 pack of PTFE-coated cuvette stir bars (5 mm x 2 mm) available
- Multi-voltage power supply



Part Number 840-306600

GENESYS 30/40/50

Description



Part Number 222-238800

TPS-1500W Peltier controlled sealed liquid circulation system

- 150 mL liquid volume means fast temperature changes, tighter temperature control, and less mess in the event of a hose break
- Temperature Range: 20-60°C. Temperature accuracy: $\pm 0.10 \text{ }^\circ\text{C}$. Reproducibility: $\pm 0.05^\circ\text{C}$.

Please note: Does not support temperature ramping

Peltier	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
Peltier Thermostated Single Cell Holder for GENESYS 140/150/180 & BioMate 160 with Smart Modulating Power Supply and US Power Cable	840-306600*				✓	✓
Peltier Thermostated Single Cell Holder for GENESYS 140/150/180 & BioMate 160 with Smart Modulating Power Supply and EU Power Cable	840-306700*				✓	✓
Peltier Thermostated Single Cell Holder for GENESYS 140/150/180 & BioMate 160 with Smart Modulating Power Supply and UK Power Cable	840-306800*				✓	✓
TPS 1500W Sealed Peltier Recirculator	222-238800	✓	✓	✓		

* Select part number corresponding to desired power cable type

Sipper systems

Minimize sample handling and reduce the use of consumables

Sipper sample holders

Available for all GENESYS and BioMate 160 spectrophotometers

Description

GENESYS 140/150/180 • BioMate 160

Integrated complete sipper system

- Controlled by instrument on-board software
Powered by external AC/DC power supply unit
- Sip by time or calibrate to sip by volume
- Pre-programmed and custom sip sequences
- Three pump speeds
- Supports 1.6mm wall thickness silicone tubing
 - L/S 13 (0.8mm ID) – L/S 16 (3.1mm ID)
 - L/S 14 (1.6mm ID) – L/S 25 (4.8mm ID)
- C-Flex and Viton tubing materials are supported in a more limited range of sizes



Part Number 840-306900

Includes:

- Sipper pump with pump head
- Sample compartment insert with cuvette holder and goose-neck aspiration tube guide
- Quartz flow cell with connector tubing
- Cable to connect to instrument
- 30 cm of L/S 16 silicone tubing
- Multi-voltage power supply & specified power cable



Part Number 840-296600

Sipper system and components	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
Integrated Sipper for GENESYS 140/150/180 & BioMate 160 with US Power Cable	840-306900*				✓	✓
Integrated Sipper for GENESYS 140/150/180 & BioMate 160 with EU Power Cable	840-307000*				✓	✓
Integrated Sipper for GENESYS 140/150/180 & BioMate 160 with UK Power Cable	840-307100*				✓	✓
Sipper Sample Compartment Accessory for GENESYS 140/150/180 & BioMate 160	840-307200				✓	✓
Sipper Pump for GENESYS 40–180 & BioMate 160 with US Power Cable	840-296600*		✓	✓	✓	✓
Sipper Pump for GENESYS 40–180 & BioMate 160 with EU Power Cable	840-296700*		✓	✓	✓	✓
Sipper Pump for GENESYS 40–180 & BioMate 160 with UK Power Cable	840-296800*		✓	✓	✓	✓
Accessory Kit for Hose Entry/Exit for GENESYS 30/40/50	840-278200	✓	✓	✓		

* Select part number corresponding to desired power cable type

Fiber optic coupler, probes and accessories

Dip, tap and measure – eliminate liquid transfer and cuvettes from your workflow

Fiber-optic sample holders

Available for GENESYS 150/180 spectrophotometers

Description

GENESYS 150/180

Complete 6mm Fiber Optic Dip Probe System

- Fiber optic coupler insert for sample compartment
- 6 mm diameter stainless steel transfectance probe with replaceable 10mm pathlength tip

Note: Photometric performance of fiber probe systems is different from cuvette systems and may be impacted by ambient lighting conditions.



Part Number 840-305700

Fiber Optics Accessories are compatible with GENESYS 150 and 180 spectrophotometers only

Fiber optics

Part number

Complete 6 mm Fiber Optic Dip Probe System for GENESYS 150/180

840-305700

Individual system compents

10 mm Pathlength Tip for Dip Probe for GENESYS 150/180

840-307400

Standard Fiber Optic Dip Probe with 10 mm Tip

840-305000



Fiber Optic Coupler for GENESYS 150/180

840-305800





Printer accessory for GENESYS spectrophotometers

Available for all GENESYS and BioMate 160 spectrophotometers

GENESYS 30/40/50	Description	GENESYS 140/150/180 • BioMate 160
 Part Number 840-278000	Snap-on Printer for GENESYS Spectrophotometers <ul style="list-style-type: none">• Printer attaches directly to instrument behind screen• Easy drop-in paper re-loading• Uses 80mm wide thermal paper rolls• Self-stick paper also available Includes: ~ 1 roll thermal paper	 Part Number 840-278000

Wi-Fi USB adapter

The Wi-Fi USB adapter adds wireless capabilities to your GENESYS 40, 50, 140, 180 and BioMate 160 instruments. GENESYS Spectrophotometer with Wi-Fi USB adapter enables wireless communication directly to your lab network and printers.

GENESYS 40/50	Description	GENESYS 140/150/180 • BioMate 160
 Part Number 840-309900	Wi-Fi USB Adapter	 Part Number 840-309900



Software, accessories, consumables, and tubing kits

Software	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
VISION <i>lite</i> 5.4 Software + Cable for GENESYS 40–180	840-312300		✓	✓	✓	✓
VISION <i>lite</i> 5.4 Software	834-091300	✓				
VISION <i>lite</i> 5.4 Software 6-user license	699-129900	✓	✓	✓	✓	✓
VISION <i>lite</i> 5.4 Software 12-user license	699-130000	✓	✓	✓	✓	✓
VISION <i>lite</i> ColorCalc 5.2	699-175600		✓	✓	✓	✓
Interface cable for GENESYS 40–180 and BioMate 160	840-312200		✓	✓	✓	✓

Accessories	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
Cuvette Stir Bars, Pkg of 10	840-262800				✓	✓
Dust Cover for GENESYS 30/40/50	840-278400	✓	✓	✓		
Dust Cover for GENESYS 140/150/180 and BioMate 160	840-304800				✓	✓

Consumables	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
Self Stick Printer Paper for GENESYS Printer Accessory	840-259800	✓	✓	✓	✓	✓
Standard Printer Paper for GENESYS Printer Accessory	840-278300	✓	✓	✓	✓	✓
Replacement Tungsten-Halogen Lamp, Pre-aligned for GENESYS 30/40/140	840-278700	✓	✓		✓	
Replacement Xenon Lamp Assy, Pre-aligned for GENESYS 50/150/180 and BioMate 160	840-300900			✓	✓	✓

Sipper system and components	Part number	GENESYS 30	GENESYS 40	GENESYS 50	GENESYS 140	GENESYS 150/180 BioMate 160
Acid Resistant Pump Tubing Kit	699-129600	✓	✓	✓	✓	✓
Chemical Resistant Pump Tubing Kit	699-129700	✓	✓	✓	✓	✓
Silicone Pump Tubing Kit for GENESYS	699-129500	✓	✓	✓	✓	✓

Meet the Thermo Scientific GENESYS UV-Vis Spectrophotometer family

Simplify sampling with easy access, flexibility and choices to fit your varied testing needs.



GENESYS 30 Vis Spectrophotometer

Modern power meets traditional simplicity

Make clean up easy with removable, washable sample compartment liner



GENESYS 40 Vis/50 UV-Vis Spectrophotometers

Advanced usability, modern functionality

Simplify sampling with large, front access sample compartment



GENESYS 140 Vis/150 UV-Vis Spectrophotometers

Elite performance, enhanced capabilities

Accommodate advanced experiments with automated cell changers, Peltier, sipper and fiber optic probe accessories



GENESYS 180 UV-Vis Spectrophotometer

Double beam and high-throughput ready

Speed measurements with 8-cell changer standard and remote sampling accessories



BioMate 160 UV-Vis Spectrophotometer

Life-science enabled

Extend capabilities with a microcell holder or Peltier thermostatted cell holder or cell changer option

thermofisher.com/genesys

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