

# Vis and UV-Vis spectroscopy solutions for industrial labs



Select from our well-designed, simple-to-operate line of Thermo Scientific™ GENESYS™ spectrophotometers. Built for the real world, our GENESYS™ instruments offer modern design and exceptional performance at an attractive price. Count on the GENESYS Visible and UV-Visible spectrophotometers for accurate and reliable measurements.

## Thermo Scientific™ GENESYS™ 30 Visible Spectrophotometer Outstanding durability for years of worry-free use

- Rugged design ideal for routine QA/QC environments; removable, washable sample compartment liner for easy clean up
- Walk up simplicity – easy-to-use, easy-to-learn interface
- Supports single cuvettes and test tubes of all sizes
- Excellent for OD600 measurements in bioprocessing



Description	Part Number
GENESYS 30 Visible Spectrophotometer	840-277000*

## Thermo Scientific™ GENESYS™ 50 UV-Vis Spectrophotometer The ideal solution for routine, single cell QA/QC analysis

- High-resolution touchscreen interface compatible with lab gloves
- Supports cuvettes, test tubes (up to 150 mm tall and 25 mm diameter), sipper accessory and thermostatted single cell holder
- Accessible sample compartment – removable, washable liner for easy clean-up
- Export data via USB, Ethernet, or WiFi; print reports from on-board control
- Dual Beam optics and long-life xenon flash lamp light source deliver accurate, reproducible results



Also available as a Visible-range instrument (Thermo Scientific™ GENESYS™ 40 spectrophotometer).

Description	Part Number
GENESYS 40 Visible Spectrophotometer	840-297000*
GENESYS 50 UV-Visible Spectrophotometer	840-298000*

\*USA country power cable part numbers listed. For other countries, substitute last three numbers from 000 to: 100 = China • 200 = India/RSA • 300 = EU • 400 = UK • 500 = Aus/NZ

## Thermo Scientific™ GENESYS™ 150 UV-Vis spectrophotometer

### Superior performance, enhanced capabilities

- Tiltable, high-resolution touchscreen interface compatible with lab gloves
- Supports accessories: 8-cell changer, Peltier, sipper and fiber-optic dip probes
- Access favorite methods quickly through Smart Start
- Export data via USB, Ethernet, or WiFi; print reports from on-board control



Also available as a Visible-range instrument (Thermo Scientific™ GENESYS™ 140 spectrophotometer).

Description	Part Number
GENESYS 140 Visible Spectrophotometer	840-308000*
GENESYS 150 UV-Visible Spectrophotometer	840-300000*

Feature	GENESYS 30 Vis	GENESYS 50 UV-Vis	GENESYS 150 UV-Vis
Applications	Routine QA/QC for simple Vis methods, OD600, test tube measurements	Single QA/QC measurements in UV-Vis range	For labs with large number of samples or specialized accessory needs
Optical System	Single Beam; Czerny-Turner Monochromator	Dual beam; Czerny-Turner Monochromator	Dual beam; Czerny-Turner Monochromator
Spectral Bandwidth	5.0 nm	2.0 nm	2.0 nm
Light Source	Tungsten-Halogen	Xenon Flash Lamp	Xenon Flash Lamp
Detector	Silicon Photodiode	Dual Silicon Photodiodes	Dual Silicon Photodiodes
Wavelength Range	325 – 1100 nm	190 – 1100 nm	190-1100 nm
Color Display Resolution	5" • 800 x 480 px	7" High-Definition • 800 x 1280 px	Tilt angle 7" High-Definition • 800 x 1280 px
Washable Sample Compartment Liner	Yes	Yes	No
Full Spectrum Scanning	Yes	Yes	Yes
Live Display	Yes	Yes	Yes
Fixed Mode	Yes	Yes	Yes
Quant with 15 Standards	No (6 Standards)	Yes	Yes
OD600	Yes	Yes	Yes
Peak Pick	No	Yes	Yes
Kinetics	No	Yes	Yes
Printer Options	Snap-on Thermal Printer	Snap-on Printer and Laser Printer	Snap-on Printer and Laser Printer
Automated 8-Cell Changer	No	No	Yes
Supports Sipper	No	Instrument-Controlled	Instrument-Controlled with "Gooseneck" Adaptor
Supports Peltier Thermostatted Cell Holder, Fiber Probe	No	No	Yes
Data Export to USB Flash Drive	Yes	Yes	Yes
WiFi Ready	No	Yes	Yes
2-year warranty, 3rd available when registered	Yes	Yes	Yes

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