

Vis and UV-Vis spectroscopy solutions for education

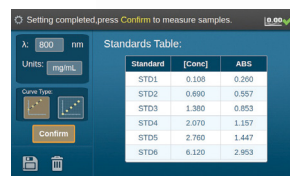
Durable, reliable instruments for teaching bright young minds

With easy-to-learn, high-resolution on-board control, large washable sample compartments, and data export options that meet modern expectations, the Thermo Scientific™ GENESYS™ Visible and UV-Visible spectrophotometers are designed with students and educators in mind. For teaching spectroscopy fundamentals or for advanced experiments, the GENESYS spectrophotometers give you complete confidence in your results with outstanding stability and accuracy.

Thermo Scientific™ GENESYS™ 30 Visible Spectrophotometer

Outstanding durability, traditional simplicity

- Large sample compartment with removable, washable liner for easy clean up
- Supports use of standard cuvettes, test tubes and long pathlength cells
- Ideal for performing OD600 measurements and colorimetric protein assays



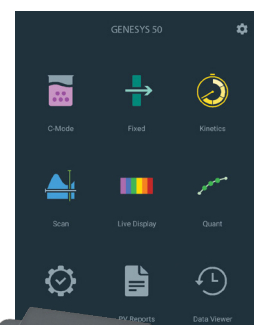
Description	Part Number
GENESYS 30 Visible Spectrophotometer	840-277000*

Thermo Scientific™ GENESYS™ 50 UV-Vis Spectrophotometer

Smarter by design with advanced usability and modern functionality

- New 7-inch, high-resolution, touchscreen user interface
- On-board-controlled software with sophisticated methods including kinetics, advanced Quant and Peak Pick
- WiFi-ready – print wirelessly to a shared WiFi printer, store or back-up data and methods to remote locations; USB port

* Also available as a visible-only instrument (Thermo Scientific™ GENESYS™ 40 Visible 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

Also available from Thermo Fisher Scientific:

Thermo Scientific™ SPECTRONIC™ 200 Visible Spectrophotometer

Quick, convenient measurements in the hands of novice users

SPECTRONIC 20 spectrophotometers have served as core analytical instruments in school, college and university teaching laboratories since 1953. The SPECTRONIC 200 visible spectrophotometer continues this tradition into the 21st century.

- Removable sample compartment for easy clean up
- Supports test tubes and standard square cuvettes
- Spectrum indicator in live display associates wavelength to color
- Includes Quant mode with up to 4 standards



Description	Part Number
SPECTRONIC 200 Visible Spectrophotometer	840-281700

Choose the instrument that's right for your teaching needs:

Feature	SPECTRONIC 200 Vis	GENESYS 30 Vis	GENESYS 50 UV-Vis
Educational Level	High School Chemistry	University Chem/Biochem	University, General Chemistry and Analytical Chemistry
Optical System	Single Beam	Single Beam	Dual Beam
Spectral Bandwidth	≤4.0 nm	5.0 nm	2.0 nm
Light Source	Tungsten-Halogen	Tungsten-Halogen	Xenon Flash Lamp
Detector	2048 element CCD	Silicon Photodiode	Dual Silicon Photodiodes
Wavelength Range	340 – 1000 nm	325 – 1100 nm	190 – 1100 nm
Linear Photometric Range	-0.3A to 1.8A	-3.0A to 3.0A	-2.0A to 3.0A
Color Display Size & Resolution	3.5" • 320x240 px	5" • 800 x 480 px	7" High-Def • 800 x 1280 px
Full Spectrum Scanning	Yes	Yes	Yes
Live Display	Yes	Yes	Yes
Fixed Mode	Yes	Yes	Yes
Quant with Standards (Max)	4	6	15
OD600	Yes	Yes	Yes
Pick Peak	No	No	Yes
Kinetics	No	No	Yes
Snap-on Printer Option	No	Yes	Yes
Export Data Via USB	No	Yes	Yes
WiFi Ready	No	No	Yes

Find out more at thermofisher.com/genesys

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