

Spectroscopy Solutions for Industry

Innovating fast, reliable instruments for over 50 years

Generate definitive answers your business needs to thrive with Thermo Scientific™ spectroscopy instruments. Whether you perform routine QA/QC testing in a regulated lab or need more sophisticated analysis for product development, find the right instrument to help you make the tough decisions in a competitive world. Choose from a comprehensive line of spectrophotometers for quantitation and complement your analysis with identity profiles using our FT-IR spectrometer.

- Quantify DNA, RNA, protein and cell growth
- Follow enzyme kinetics; generate rate constants
- Monitor product quality and control for contaminants
- Read colorimetric assays for drugs and biologicals
- Develop methods for quality assurance
- Identify components and contaminants in solids and liquids



Evolution 201/220 UV-Visible Spectrophotometers



Our most innovative spectrophotometer provides flexibility and reliability for method development and routine analysis needs. An instrument qualification package is available with the Thermo Scientific Evolution™ 201/220 UV-Visible spectrophotometers (190–1100 nm) to simplify your validation process.

- Minimize errors in production with customizable workflows
- Increase productivity with easy operation and state-of-the-art accessories
- Experience low cost of ownership with 3-year xenon lamp warranty
- Innovative optical design enables optimal performance for microcells, fiber optics and materials applications

Description	Supplier No.	Fisher Catalog No.
Evolution 201 UV-Visible Spectrophotometer, Personal Computer (PC) Control	840-210800	14-380-422
Evolution 201 UV-Visible Spectrophotometer, Built-in Control	840-210700	14-380-421
Evolution 220 UV-Visible Spectrophotometer, PC Control	840-210600	14-380-420
Evolution 220 UV-Visible Spectrophotometer, Built-in Control	840-210500	14-380-423

Evolution 300 UV-Visible Spectrophotometer



For demanding routine analyses in pharmaceutical, specialty chemicals, and material manufacturing, the Evolution 300 instrument offers you accurate photometric performance with simple-to-use operation.

- Data integrity ensured by great photometric performance
- Easy data analysis with task-driven software platforms
- Specific analytical needs met by a selection of accessories

Description	Supplier No.	Fisher Catalog No.
Evolution 300 UV-Visible Spectrophotometer with Thermo Scientific VISIONsecurity™ Software, PC Control	10300101	14-386-406
Evolution 300 UV-Visible Spectrophotometer with Thermo Scientific VISIONpro™ Software, PC Control	10300201	14-386-407
Evolution 300 UV-Visible Spectrophotometer with Optional Built-in Control Interface	10300301	14-386-404

GENESYS 20 Visible Spectrophotometer

Thermo Scientific GENESYS™ 20 Visible spectrophotometer – affordable, compact design offers unmatched photometric range (325–1100 nm) and accuracy in its class for routine lab analysis.

- Robust optics with grating monochromator and Tungsten light source
- Compact design with sealed, sloping keypad to shed spills
- Snap-in accessories accommodate different cuvette sizes
- Optional built-in printer saves bench space



Description	Supplier No.	Fisher Catalog No.
GENESYS 20 Visible Spectrophotometer	4001-000	14-385-445
GENESYS 20 Visible Spectrophotometer with Printer	4004-000	14-385-459

GENESYS 10S UV-Visible Spectrophotometer



The Thermo Scientific GENESYS 10S UV-Visible spectrophotometer is a proven, rugged instrument that is easy to program, compact, and delivers unmatched measurement performance for the price.

- Shorten QA/QC workflows with automatic 6-cell changer
- Store test methods in an on-board library or on a USB stick
- Lower cost of ownership with 3-year xenon lamp warranty
- Program scanning, fixed wavelength, and kinetics protocols

Description	Supplier No.	Fisher Catalog No.
GENESYS 10S UV-Visible Spectrophotometer	840-208100	14-386-515
GENESYS 10S UV-Visible Spectrophotometer with Printer	840-208200	14-386-516
GENESYS 10S Visible Spectrophotometer	840-208200	14-386-519
GENESYS 10S Visible Spectrophotometer with Printer	840-208000	14-386-520

NanoDrop Lite UV-Visible Spectrophotometer

Our smallest spectrophotometer, the Thermo Scientific NanoDrop™ Lite UV-Visible spectrophotometer, offers dedicated wavelengths for routine measurements at A260 and A280. Measure 1–2 μL samples in 5 seconds and view results on the built-in screen.

- Use simple built-in controls and software – no computer needed
- Measure nucleic acid quantity at A260 and purity using A260/280 ratio
- Fit the instrument in the palm of your hand for easy transport



Description	Supplier No.	Fisher Catalog No.
NanoDrop Lite UV-Visible Spectrophotometer	ND-NDL-US-CAN	NDNDLUSCAN
NanoDrop Lite UV-Visible Spectrophotometer with Printer	ND-NDL-PR-US-CAN	NDNDLPRUSCA

NanoDrop 2000/2000c UV-Visible Spectrophotometer



Using the patented NanoDrop microvolume sampling technology, a 1 μL sample can be measured in less than 5 seconds. Simply pipette a 1 μL sample directly onto the pedestal, measure and wipe clean. In addition to the pedestal, the NanoDrop 2000c instrument offers a cuvette position for larger volumes.

- Capture full spectral data, concentration, and purity data for nucleic acids and proteins (e.g., A260/A280, A260/A230 ratios)
- No need to dilute sample with the large concentration range (2–15,000 ng/ μL for DNA)
- Customize methods, design reports, and export data

Description	Supplier No.	Fisher Catalog No.
NanoDrop 2000 UV-Visible Spectrophotometer	ND-2000	S06497
NanoDrop 2000c UV-Visible Spectrophotometer with Cuvette Station	ND-2000c	S06497C

NanoDrop 8000 UV-Visible Spectrophotometer

This eight-pedestal NanoDrop instrument provides fast, reliable QC data for biomolecule production workflows. Measure eight 1–2 μL samples simultaneously in 15 seconds and view each spectrum on your PC screen. Microplate station makes sample transfer fast and easy.

- Eliminate cuvettes to reduce costs and save time cleaning
- No need for dilutions with a wide dynamic range (e.g., 0.1–120 mg/mL for proteins such as BSA)
- Quantify nucleic acids and protein with pre-programmed methods



Description	Supplier No.	Fisher Catalog No.
NanoDrop 8000 UV-Visible Spectrophotometer	ND-8000	ND-8000

Nicolet iS5 FT-IR Spectrometer



Considered the workhorse of FT-IR spectrometers, the Thermo Scientific Nicolet™ iS™5 Fourier transform infrared spectrometer generates spectra in the mid-infrared region to help identify components in solids and liquids. Complement UV-Vis with FT-IR and get a complete picture of your material.

- Affordably priced for any routine QA/QC lab
- Easy-to-use software helps analyze spectra with your PC
- Field-proven optics are rugged enough to move from lab to lab
- Qualification package available for validation in regulated labs

Description	Supplier No.	Fisher Catalog No.
Nicolet iS5 FT-IR, KBr Windows, English	912A0712	14-200-121
Nicolet iS5 FT-IR KBr Windows, French	912A0713	14-200-122
Nicolet iS5 FT-IR ZnSe Windows, English	912A0714	14-200-123
Nicolet iS5 FT-IR ZnSe Windows, French	912A0715	14-200-124



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