

# Spectroscopy Solutions for Life Science Research

## Quickly measure DNA, RNA, and protein for your next experiment

Answer your most intriguing research questions with Thermo Scientific™ spectroscopy instruments. Whether you perform PCR on precious samples or need more sophisticated analysis for enzyme reactions, find the right instrument to accelerate your research.

- Quantify DNA, RNA, and protein concentrations
- Follow enzyme kinetics; generate rate constants
- Assess purity using absorbance ratios
- Read colorimetric assays for drugs and biologicals
- Develop methods to match experimental design
- Monitor cell growth over time with absorbance



### NanoDrop 2000/2000c UV-Vis Spectrophotometer



Using the patented Thermo Scientific NanoDrop™ microvolume sampling technology, a 1  $\mu\text{L}$  sample can be measured in less than 5 seconds. Simply pipette a 1  $\mu\text{L}$  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/ $\mu\text{L}$  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

## Evolution 201/260 Bio UV-Visible Spectrophotometers

Our most innovative spectrophotometers are designed to meet the special needs of life science research labs with high performance, flexibility and reliability. Designed with intuitive software and state-of-the-art accessories, Thermo Scientific Evolution™ 201/260 Bio UV-Visible spectrophotometers offer convenience and improved productivity for both research and routine analysis.

- Simplify measurements and analyses with bio-application software
- Obtain accurate sample measurements with innovative optical design
- Control sample temperature for consistent results with precision accessories
- Attain low cost of ownership with a 3-year warranted xenon flash lamp



Description	Supplier No.	Fisher Catalog No.
Evolution 201 UV-Vis Spectrophotometer, Personal Computer (PC) Control	840-210800	14-380-422
Evolution 201 UV-Vis Spectrophotometer, Built-in Control	840-210700	14-380-421
Evolution 260 Bio UV-Vis Spectrophotometer, PC Control	840-211000	14-380-424
Evolution 260 Bio UV-Vis Spectrophotometer, Built-in Control	840-210900	14-380-425
INSIGHT BIO Computer Software	834-081100	14-380-427
INSIGHT BIO Built-in Control Software	837-000100	14-380-428

*Note: The bio-application software INSIGHT BIO needs to be ordered separately for the Evolution 201 UV-Visible spectrophotometer. INSIGHT BIO software is included in the Evolution 260 Bio UV-Visible spectrophotometer.*

## BioMate 3S UV-Visible Spectrophotometer



With the Thermo Scientific BioMate™ 3S UV-Visible spectrophotometer, you can speed up your research with pre-programmed methods for nucleic acids, protein and cell growth assays. Patented optical design provides a compact, dual-beam system with few moving parts for a low-maintenance lifetime.

- Automatic 6-cell changer speeds up experimental workflow
- Perform multicell kinetics, wavelength scanning, and user-defined fixed wavelength readings
- Peltier temperature control option available

Description	Supplier No.	Fisher Catalog No.
BioMate 3S UV-Visible Spectrophotometer	840-208300	14-386-503
BioMate 3S UV-Visible Spectrophotometer with Printer	840-208400	14-386-504

## NanoDrop 3300 Fluorospectrometer

This versatile fluorospectrometer delivers the sensitivity and selectivity of fluorescence analysis with NanoDrop microvolume technology. The UV, Blue, and White LEDs, cover a broad wavelength excitation range (wavelengths 400–750 nm).

- No filter set required
- Easy-to-use software with PC control
- Analyze emission from multiple probes in a single 1–2 µL sample
- Compatible with common labels (e.g. Fluorescein, Alexa Fluor® 555, Hoechst, Cy3™ dye, DyLight™ 550 and more)



Description	Supplier No.	Fisher Catalog No.
NanoDrop 3300 Fluorospectrometer	ND-3300	ND-3300



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In the United States:  
For customer service, call 1-800-766-7000.  
To fax an order, use 1-800-926-1166.  
To order online: [www.fishersci.com](http://www.fishersci.com)

In Canada:  
For customer service, call 1-800-234-7437.  
To fax an order, use 1-800-463-2996.  
To order online: [www.fishersci.ca](http://www.fishersci.ca)

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