Reach the peak of productivity

Thermo Scientific Nicolet
Summit FTIR Spectrometer

Thermo Fisher
SCIENTIFIC

Compact, capable, connected

Today's busy laboratories demand fast answers with high confidence. When you can't afford to slow down or make a mistake, rely on the **Thermo Scientific™ Nicolet™ Summit FTIR Spectrometer**. Engineered with a high-performance, optical engine and paired with the revolutionary Thermo Scientific™ OMNIC™ Paradigm Software, the Nicolet Summit FTIR Spectrometer helps you identify, verify, and quantify materials faster than before.

Performance—Powered by the Thermo Scientific™ LightDrive™ Optical Engine, the Nicolet Summit Spectrometer sets the benchmark in FTIR performance and includes a 10-year warranty on the interferometer, laser, and source.

Productivity—Intuitive OMNIC Paradigm Software, an integrated multi-colored LightBar, and an optional on-board touchscreen streamline your analysis.

Connectivity—The Nicolet Summit Spectrometer includes an integrated Windows® computer and is driven with OMNIC Paradigm Software, providing a built-in data processing system with full Wi-Fi capability to keep your lab connected and data moving as fast as you do.

Built-in computer—A fully integrated Windows 10 computer powers the instrument and provides connectivity to your cloud-based or local network via Wi-Fi and Ethernet

LightDrive Optical Engine—Ensures years of reliable, high-performing data acquisition and includes a 10-year warranty

Touchscreen monitor (optional)—Ergonomically positioned to provide a simplified, fast QA/QC workflow interface
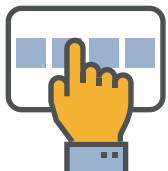
Everest ATR (optional)—Thermo Scientific™ Everest™ ATR Accessory with a dependable, monolithic diamond crystal eliminates the need for sample preparation

LightBar—Multi-colored LED LightBar gives you a quick, visual pass/fail indication of product quality as well as instrument status at a glance

Compact design—Small footprint and rugged design fits neatly into any laboratory, making it ideal for multi-user QA/QC or teaching labs

Intuitive software drives projects to completion

Workflow capabilities
Quickly execute customizable workflows to simplify analysis down to just a few clicks. When you need to create a new workflow, the visual workflow builder is equipped with pre-set templates to get you started. Or, simply analyze your sample, and the software will automatically create the workflow for you when you're done.
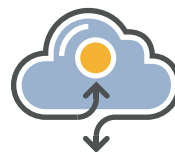
Data integrity
Achieve the highest degree of data integrity and surpass your auditors' expectations. The database infrastructure, streamlined security software, and audit manager applications keep your data compliant and well protected. Digitally sign important files and track detailed user activity using the OMNIC Paradigm Security Suite Software.

Touchscreen or Desktop
OMNIC Paradigm Touchscreen Software streamlines analysis, so users can measure, search, and report results while saving bench space. Take your analysis further with OMNIC Paradigm Desktop Software. Its user-friendly dashboard helps you view instrument status and recent work, process your spectra, conduct multi-component searching, and create new libraries.

OMNIC Anywhere
Stay connected to your lab from anywhere in the world. The OMNIC Anywhere Cloud-based Software platform lets you analyze data away from the instrument in a secure environment. Quickly create and submit a lab report online or share results with colleagues across the globe anywhere, anytime, and on any device.

No computer required

Operate the instrument in the desktop software configuration without the touchscreen. The integrated computer only requires a monitor and keyboard to collect and analyze data, not an expensive laptop.

Reasons to choose the Nicolet Summit FTIR Spectrometer

Once you grab your cup of coffee (or tea) in the morning, every second counts. So gather your samples and see how the Nicolet Summit Spectrometer helps you accomplish more in less time.

Be confident

Powerful performance—Collect accurate spectra with a signal-to-noise ratio of **40,000:1** and best-in-class spectral resolution **(0.45 cm^{-1})**

10-year warranty—The powerful LightDrive Optical Engine provides an unmatched **10-year** warranty on the interferometer, laser, and source

Factory-verified specifications—Don't accept "typical" signal-to-noise ratios. Specifications are proven on **100%** of our instruments before they leave the factory

Service and support—Feel the confidence that **7,000** service engineers and **1,800** technical support personnel can provide with our Unity™ Lab Services and qualified dealer network

Be efficient

LightBar feedback—The integrated LightBar gives you a quick visual indication of sample quality, ranging from **0–100**

Smart Background—Automatically collect backgrounds while the instrument is idle, cutting analysis time by **50%** compared to previous generations

Library included—OMNIC Paradigm Software includes a spectral library with up to **10,000** spectra

Software options—Analyze data on any of the **3** software modules: OMNIC Paradigm Desktop Software, OMNIC Paradigm Touchscreen Software, or OMNIC Anywhere Cloud-based Software

Be prepared

Standard and Advanced models—Fit performance to your needs with **2** designs: Nicolet Summit and Nicolet Summit PRO Spectrometers

Audit-ready compliance—Software complies with Ph. Eur., USP, JP, and CP instrument tests. Software packages available for 21 CFR Part 11 and data security

Online help and training—Online videos, articles, and FAQ's ensure anyone can start using the spectrometer in **5** minutes or less

Accessory flexibility—An open sample compartment gives you the freedom to choose from **100's** of sampling accessories from a variety of manufacturers

Industrial applications: Chemical • Polymer • Pharmaceutical • Automotive • Energy Storage • Food & Beverage • Gemstones • Environmental

Find out more at **thermofisher.com/summit**

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