

Support Quality by Design using FT-NIR solutions

Quality can't be tested into your products, it must be engineered in by design. One way to achieve this is by monitoring the state of your pharmaceutical process at predefined intervals or continuously. Near-infrared (NIR) spectroscopy provides a quick, reliable tool for material identification and quantification at any stage of the process. The Thermo Scientific™ Antaris™ II is a reliable off-line or at-line FT-NIR analyzer providing measurements in the laboratory or at production point-of-use. To obtain real time measurements the Thermo Scientific™ Antaris™ MX in-line or on-line FT-NIR provides immediate feedback for more timely control of your process.

Designed-in Reproducibility

The inherent wavelength precision of FT-NIR combined with our rugged design provide stability in production environments. All systems are tested to tight tolerances to ensure consistent performance over time and allow easy calibration transfer between instruments.

Flexibility and Customizability

Choose the Antaris II MDS Method Development Sampling System, which includes transmission, fiber-optic and integrating sphere diffuse reflection analysis all in one turnkey system.

Fit-for-Purpose Process Development and Monitoring

The Antaris MX is used for process development and online process monitoring applications. It offers optimized testing using fiber optic multiplexing technology and integrated communication for real-time feedback. An ATEX rated version is available for safe use in hazardous production areas.

Completely Scalable Software

With the Thermo Scientific™ Result Software Suite you only have to learn one software package for both the lab and process environment. Suitable for technicians to experienced chemists, easily move from the simplest benchtop task to the most complex process application.

Global Support

Get reliable service and application support from our global, certified specialists, comprehensive training programs, and online webinars.

Thermo Scientific
Antaris MX FT-NIR



Thermo Scientific Antaris II

Please contact your Thermo Fisher Scientific representative to learn more at thermofisher.com/specinquiry

Complete solutions for the pharmaceutical workflow

discover.

Shorten your path to discovery

Understand the chemical, physical, structural, and elemental properties of your sample.



Tablet chemical imaging

Thermo Scientific DXR2xi Raman Imaging Microscope



Optimize pharmaceutical formulations

Thermo Scientific HAAKE MARS Rheometer

solve.

Solve materials challenges

Identify root causes of product failures and develop routine QC methods.



Flexible FTIR material characterization workstation

Thermo Scientific Nicolet iS50 FTIR Spectrometer



Hot melt extrusion and continuous granulation

Thermo Scientific Pharma 11 Twin-Screw Extruder

assure.

Assure product quality

Quickly verify ingredient identity and ensure consistent quality.



Small form factor FTIR for QA testing

Thermo Scientific Nicolet iS5 FTIR Spectrometer



Rheological QC for liquid, solids, and pastes

Thermo Scientific HAAKE Viscotester IQ