

Thermo Fisher offers advanced experience to scientists

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Analytical scientists and laboratory managers seeking high-performing, multi-functional instruments with low cost of ownership can now benefit from a new FTIR spectrometer designed to analyze complex samples quickly and deliver fast, accurate results.

The Thermo Scientific Nicolet iS20 FTIR spectrometer, which is an upgrade over the well-established Thermo Scientific Nicolet iS10 FTIR spectrometer, features new LightDrive Optical Engine technology. The redesigned optical system consists of four critical components – an infrared source, interferometer, laser and detector – to deliver exceptional instrument performance and reliability.

The new instrument enables analytical scientists in pharmaceutical, polymer, chemical and forensics labs to identify unknown compounds, verify incoming materials, conduct failure analysis and conduct root cause studies by easily collecting and interpreting FTIR data. It is the only spectrometer on the market that features a touch panel with a multi-colored LED scan bar; the touch panel is designed to assist data collection from even the most challenging samples and help users understand their instrument status at a glance.