HIGH-PERFORMANCE FT-NIR THAT GOES WHERE YOU GO

From the lab to the food production facility, it's the perfect FT-NIR for edible oils analysis

For food producers – and particularly those companies that incorporate edible oils in their finished products – near-infrared spectroscopy is a critical technique for QA/QC analysis at all stages of the manufacturing process. And our new Spectrum Two N™ FT-NIR system balances the sensitivity to identify known and unknown adulterants with the kind of portability that delivers outstanding performance both inside *and* outside the lab.

Spectrum Two N FT-NIR
with Heatable Transmission Module

The system is built on tested, proven Spectrum Two technology that food producers have come to rely on – but what really sets the Spectrum Two N apart is its new state-of-the-art, plug-and-play Heatable Transmission Module (HTM), meeting the needs of edible oil producers worldwide. The HTM is clean technology and accommodates 5-, 8-, and 12-mm disposable glass vials that are heatable – perfect for analyzing solid fraction oils such as coconut and palm with no cleaning necessary between samples. And you can heat three vials at a time, so two can be preheating while the other is being analyzed, for better throughput.

Plus, you can easily switch between the HTM and other modules, including:

- **Near Infrared Reflectance Module (NIRM),** perfect for analyzing solid food materials, pulps and residues, and granular materials

- **Remote Sampling Module (RSM)** – smart, trigger-based technology for simple, fast measurements at the point of sample

The Spectrum Two N system: This is high-performance FT-NIR, wherever you want it.

PerkinElmer®

For the Better

The small FT-NIR that's really big on performance

Focus on what matters most: your results

Powerful, intuitive Spectrum 10™ software enables your laboratory analysts to generate infrared spectra from a sample and validate them against reference spectra in a matter of moments. This helps you maintain the highest possible quality – so you spend more time performing other QA/QC tasks. What's more, one-click simplicity and sophisticated data and results management make Spectrum 10 the ideal software package for novice and experienced analysts alike.

In addition, you can choose specialized software packages, including:

- **Spectrum Touch™** for simplified workflows, prebuilt methods, and starter calibrations for trans-fats and dairy powder

- **Spectrum Adulterant Screen** for simple, yet sensitive detection of adulterants

- **Spectrum Quant™ Advanced Algorithms Pack** for development of multivariate quantitative methods

- **Spectrum AssureID** for development of SIMCA product verification methods for Spectrum 10, macros, or AssureID workflows

Solutions for your biggest challenges

We're delivering solutions for your most challenging applications: For edible oils, the system can be combined with the Heatable Transmission Module and Spectrum Touch or Spectrum Advanced Algorithms Pack software, and a prebuilt calibration for an ideal oils analyzer.

Plus, Spectrum 10 software can be combined with LimsLink to automatically transfer your Spectrum Two N data into whatever LIMS system you have.

To learn more about the new, versatile Spectrum Two N FT-NIR, visit perkinelmer.com/SpectrumTwoN

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For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs