LQA 300 – Multi-parameter FT-IR wine

The LQA 300 combines performance, speed, ease of use, uptime, and connectivity – all in a compact instrument. Its intuitive step-by-step workflow analyzes liquid samples and presents results in less than 45 seconds.

The LQA 300 is ideal for routine analysis throughout the entire winemaking process. From harvesting, to vinification to ageing and bottling, it can be used to analyze must, must under fermentation, and finished wine.

Applications and Benefits

- **Evaluate** grape soundness and quality quickly to segregate the grapes and plan for the fermentation
- **Monitor** the vinification to ensure the alcoholic and malolactic fermentation processes take place
- **Verify** the finished product quality to avoid reprocessing batches
- **View** results for multiple-quality parameters for must, must under fermentation, or finished wine in under 45 seconds
Accurate, Reliable Performance

The LQA 300 wine analyzer builds upon our expertise in FT-IR spectrometer development and our long-time experience in advanced wine quality testing. We’re the leader in FT-IR for more than 75 years and have supplied over 15,000 units of the spectrometer used in the LQA 300. Its patented technology – such as the Dynascan™ interferometer – delivers unparalleled accuracy and stability.

Fast Results

For wine producers, it’s critical to be able to perform analysis at any time, and the LQA 300 is designed to meet those needs. The heart of the instrument is precision crafted in diecast aluminum, which ensures exceptional reliability. And when you need help, the remote support functionality of the LQA 300 lets our service staff assist you without delays.

WITH The LQA 300 can test and deliver your results in under 45 seconds, allowing you to run at least 60 samples per hour.

Intuitive, Powerful User Interface

With its large 12-inch touchscreen, and intuitive workflow, the LQA 300 is easy and efficient to use – to analyze a sample, simply place it in the instrument and press “Analyze” The instrument does the rest and presents results in less than 45 seconds. New operators are up and running in just a few minutes, confidently performing routine analyses.

For expert users, the LQA 300 includes powerful features for validation, reporting and monitoring how production performs against set limits. And thanks to Windows connectivity, you can use all standard accessories like printers or barcode scanners. The LQA 300 is easily connected to a local network and can be integrated with LIMS software.

Remote Access

Our NetPlus™ cloud-based tools let you access results and create reports, including charts and tables, from anywhere at any time. The optional module for instrument management includes powerful tools for performance optimization and configuration maintenance.