







LipidQuant B5

The LipidQuant B5 from Q-Interline is based on the latest FT-NIR technology from ABB Bomem, the world leader in FT-NIR technology. The equipment combines exceptional performance with low cost of ownership.

-  Exceptional spectral performance
-  Optimized sampling solutions
-  No scheduled maintenance
-  Powerful software package with InfraQuant and Horizon QI

The LipidQuant B5 has been developed for analysis of lipids like edible oils. The sensitive detector in the LipidQuant B5 enables the analysis of special components in the oil. If you wish to analyse standard components in oil you should choose LipidQuant C5 equipped with a less sensitive DTGS detector.

The LipidQuant B5 is the result of the combining of world class technology with Q-Interlines extensive knowledge and experience in the field of FT-NIR.



Sampling

The sample is analysed by transmission measurements in inexpensive vials on the QIA1075 – Universal Vial Sampler. The Universal Vial Sampler has space for 5mm, 8mm and 12mm vials.

The vial with the sample is placed in the heated vial holder before analysis. This ensures representative sampling, that the sample is analysed at the right temperature and that effects from temperature fluctuations is reduced.

After analysis the vials are disposed off.

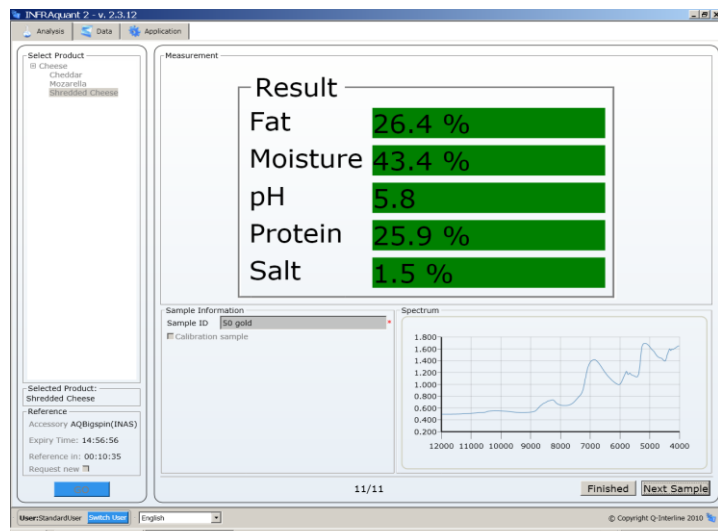
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Workstation



The LipidQuant B5 comes with an external computer which enables the use of a range of add-ons, offering the user maximum flexibility, e.g. touch screen, label printer and barcode reader.

The LipidQuant B5 comes with an external PC which enables rapid upgrade on-site. This reduces any downtime of the equipment to a minimum.



Software suite

The LipidQuant B5 is supplied with a powerful software suite comprising

-  InfraQuant 2.5 user software
-  Horizon QI spectroscopic software.

InfraQuant

InfraQuant 2.5 is an easy to use FT-NIR QC software, combining maximum security with operator friendliness. InfraQuant 2.5 is used to collect, present and handle analytical results. Results of the analysis are presented with clear figures with integrated color codes. The color codes reflect the validity of the results measured against preset criteria.

Horizon QI

Horizon QI offers a series of strong spectroscopic tools e.g. spectrum collection, viewing and manipulation, instrument validation, advanced instrument health and a series of add-on modules to Horizon QI.

Low cost of ownership

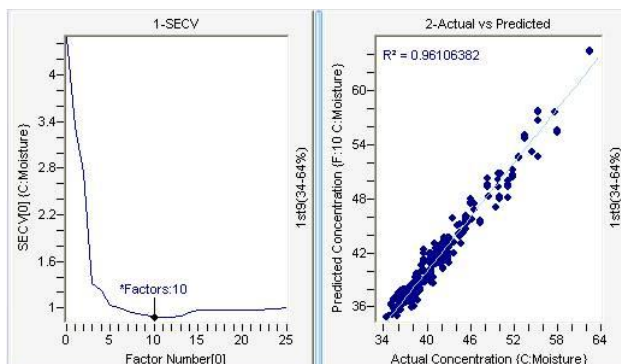


Low cost of ownership

The LipidQuant B5 offers low cost of ownership since it has no scheduled maintenance for the first many years to come.

The light source in the LipidQuant B5 has an expected lifetime of 10 years and the laser has even longer expected lifetime.

This will save the owner the cost for expensive maintenance contracts, which has to be signed for many other analytical instruments.



Quantum calibrations

Through Q-Interline Quantum calibration program, there is a substantial amount of starter calibrations available for the LipidQuant B5. The starter calibrations will enable you to get a faster start-up with the LipidQuant B5.

If you need to build calibrations for your specific application, Q-Interline and our local partners have calibration experts at hand to assist you.

Contact your local Q-Interline representative to learn more about the Quantum calibrations and how we can accommodate your specific requirements

You can find more information on www.q-interline.com