

AgriQuant B1



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The AgriQuant B1 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 AgriQuant B1 has been developed for the analysis of heterogeneous samples e.g. feed and forage, but many other products can be analysed on the AgriQuant B1.

The AgriQuant B1 is the result of combining world class technology with Q-Interlines extensive knowledge and experience in the field of FT-NIR analysis.

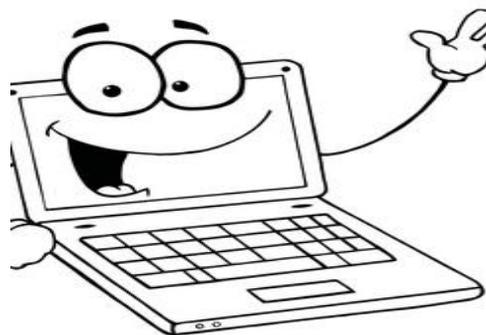
Sampling

The sample is analysed on the QIA1020 accessory developed by Q-Interline. The sample is analysed by reflection measurement in 125ml glass jars with lids. The glass jar rotates during analysis providing representative sampling, making sure the sample is constantly mixed and reducing the effects of product heterogeneity.

The glass jar has a large opening for easy filling. The lid ensures that the sample is stored under stable conditions and that influence from the surroundings is minimised.

After analysis the glass jar can be safely sent to reference analysis or stored. The glass jar can be cleaned and reused many times. Keeping the cost per analysis very low.

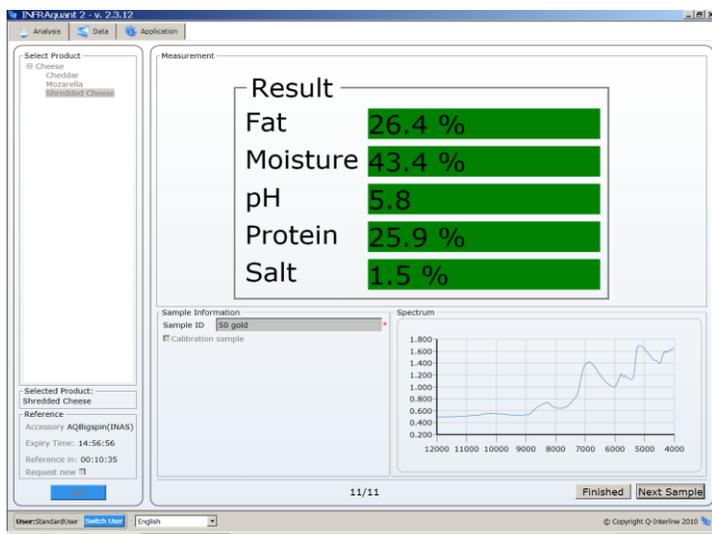
There is plenty space on the glass jar for barcode labels. The barcode is easily read by a barcode reader connected to the AgriQuant B1 system.



Workstation

The AgriQuant B1 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 AgriQuant B1 comes with an external PC which enables rapid upgrade on-site. This reduces any downtime of the equipment to a minimum.



Software suite

The AgriQuant 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

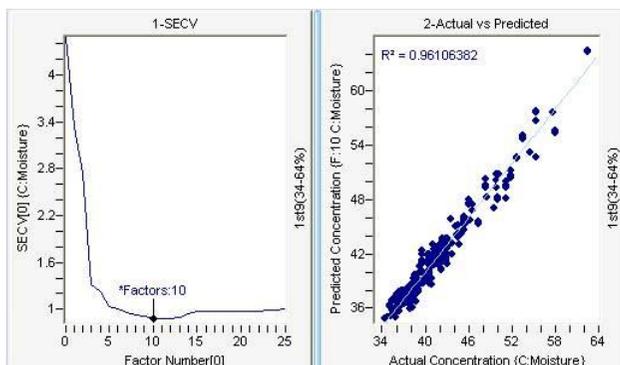


Low cost of ownership

The AgriQuant B1 offers low cost of ownership since it has no scheduled maintenance for the first many years to come.

The light source in the AgriQuant B1 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 AgriQuant B1. The starter calibrations will enable you to get a faster start-up with the AgriQuant B1.

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