





# AgriQuant B8

## AgriQuant B8

The AgriQuant B8 from Q-Interline is based on the latest FT-NIR technology and on the new patented Spiral Sampler \*). 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 B8 has been developed for heterogeneous samples, e.g. fresh forage, energy crops, wood chips, compost and many more. Samples are analysed in AgriTubes on the AgriQuant B8



## Representative scanning

Examination of samples of heterogeneous products such as agricultural crops requires averaging of measurement over a large volume in order to get useful representative results.

The AgriTube is rotated and conveyed during analysis which means that the QIA1021 is scanning an amazing area of 375 cm<sup>2</sup> of the sample during the analysis.

Due to the large area scanned, the QIA1021 is offering truly representative scanning, compared to traditional petri dish methods which are only scanning an area of approximately 18 cm<sup>2</sup>.



## Tumbling mode

The QIA1021 also offers tumbling mode, i.e. using less than full AgriTubes. In tumbling mode the sample is constantly mixed during analysis which reduces effects from sample heterogeneity.

When the sample is tumbled all parts of the sample has the same probability to become part of the spectrum.

\*) Patent No. PR 177544

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## Workstation

The AgriQuant B8 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 computer is embedded in the monitor and the system uses wireless mouse and keyboard

## Software suite

The AgriQuant B8 is supplied with a powerful software suite comprising

-  InfraQuant QC user software
-  Horizon QI spectroscopic software.

### → InfraQuant

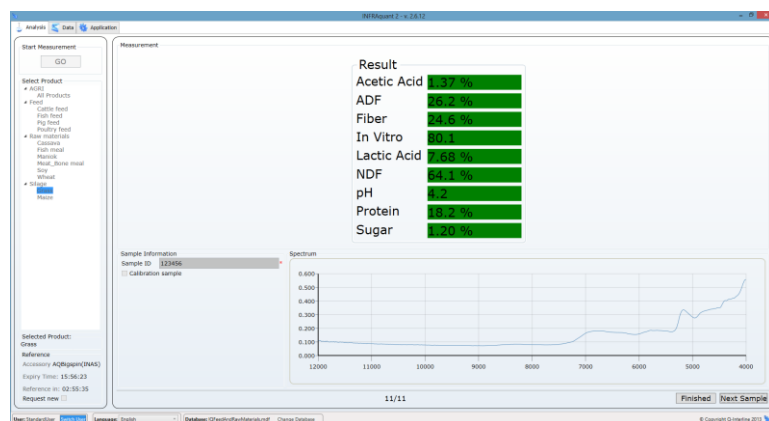
InfraQuant is an easy to use FT-NIR QC software, combining maximum security with operator friendliness. InfraQuant is used to collect, present and handle analytical results.

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.

Horizon QI keeps a close eye on the analyzer. More than 50 values are tagged every second providing a detailed overview of the status of the analyzer.



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## Low cost of ownership

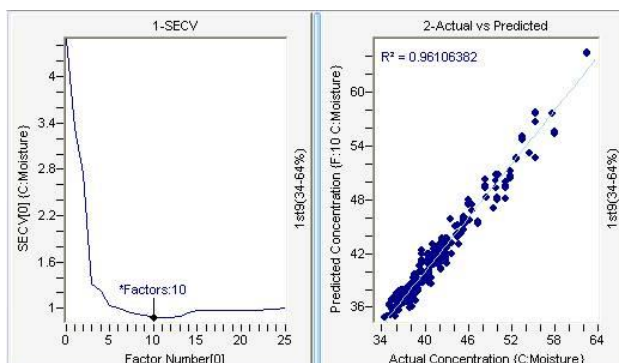


## Low cost of ownership

The AgriQuant B8 offer low cost of ownership since it has no scheduled maintenance for the first many years to come.

The light source in the AgriQuant B8 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 the Q-Interline Quantum calibration program, there is a substantial amount of calibrations available for the Quant for a fast start-up.

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](http://www.q-interline.com)

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Figure showing the magnitude of scale between scanning area of the QIA1021 Spiral Sampler and a traditional petri dish solution.



**375 cm<sup>2</sup>**

AMAZING SCANNING AREA OF THE  
NEW PATENTED

**SPIRAL SAMPLER**  
FROM Q-INTERLINE

18 cm<sup>2</sup>  
Traditional  
petri solution

Watch the movie and see  
SPIRAL SAMPLER in action

Get the product flyer in pdf  
and learn more

Sign up for our newsletter