

Product QFA focus



The QFA focus

A dedicated solution for paste type samples with high density, for example butter, soft cheeses, yoghurt and concentrates. The QFA focus is equipped with a moving sampling system, which makes it possible to analyse a large area of the sample.

The sample is loaded into a 200 ml disposable plastic bag and placed in the black sleigh at the front of the instrument. The analysis can be done in seconds. Since the analyser is easy to operate and has a rugged construction it is suited for use as an at-line solution in the plant as well as in the laboratory. (see website for demo video)

Specifications

The QFA focus is a FT•NIR spectrometer with BK7 optics, scanning from 7500 to 15000 cm^{-1} , using a quartz halogen light source and a TE-cooled silicon detector. The instrument uses Ethernet as computer interface and is delivered with INFRAquant software. 1000 plastic bags are included.

Calibrations

A range of starter calibrations is available with the QFA focus. For calibration development on site it is recommended to use a complementary office package consisting of GramsLT and PLSplus/IQ software.

Applications examples

Product	Components
Processed cheese	Fat, moisture
Butter & margarine	Fat, moisture, salt
Mayonnaise	Fat, moisture
Chocolate	Fat, moisture

ROI

Return on investments for the QFA focus is very short due to better process control. Personnel with little or no training can do the analysis and there will be savings on chemical reference analysis.