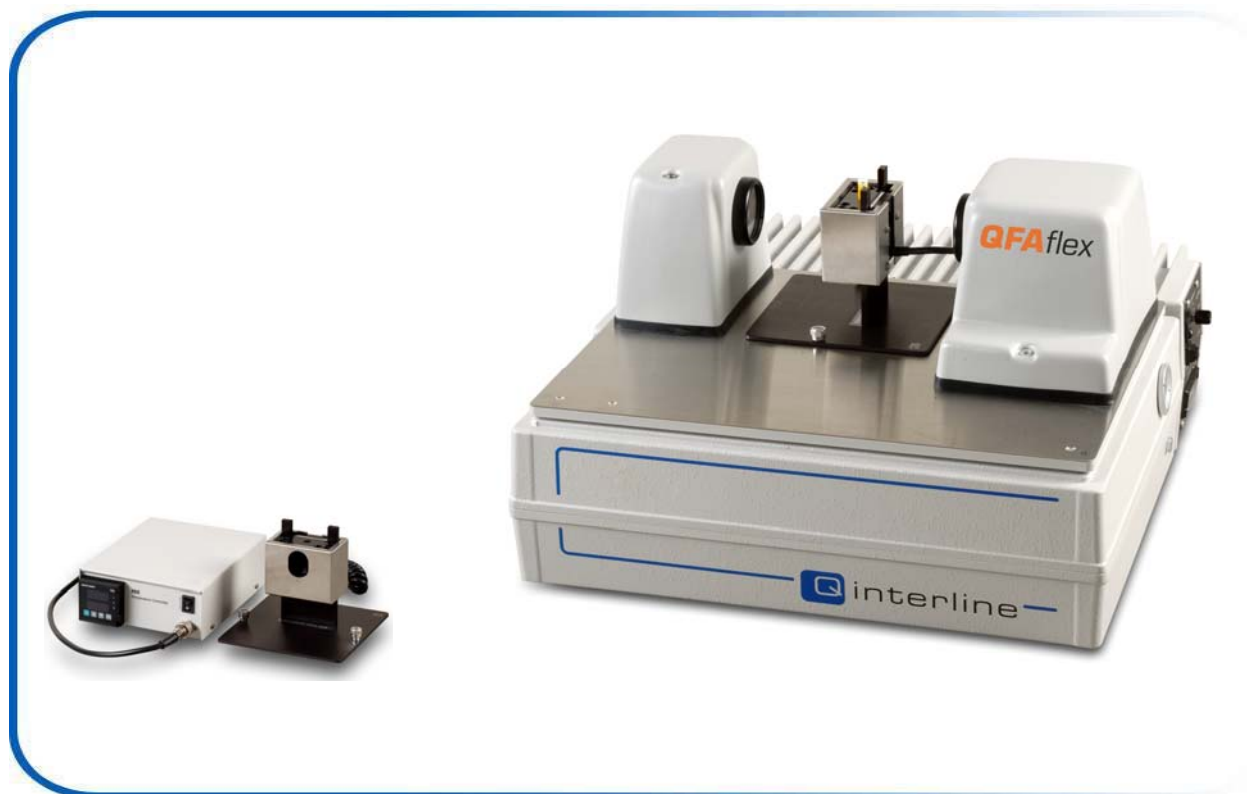


QFA flex600L



The QFA flex600L

The ultimate instrument for analysis of liquids, suspensions, slurries or emulsions. The samples are measured in transmission with disposable 8 mm HPLC auto-sampler vials. These vials are inexpensive and the sample is easily transferred into the vials with disposable pipettes. The analysis time is less than 1 minute and no chemicals or solvents are used. The rugged design of the QFA flex600L makes it suitable for use in the plant as well as in the laboratory.

Specifications

The QFA flex600L is a FT-NIR spectrometer, scanning from 3800 to 14000 cm^{-1} , with BK7 optics and a quartz halogen light source. The liquids sampling accessory has an arid zone sample compartment and a NIR DTGS detector. The instrument is equipped with a 5mm, 8mm or 12mm OD heatable vial holder and a temperature controller and 200 disposable vials and caps are included. The instrument uses Ethernet as computer interface and is delivered with the software packages GRAMS/LT, PLSplus/IQ and AIRS.

Applications

QFA flex600L can be used for a wide range of liquids, slurries and suspensions such as juices, energy drinks, beverages, Whey protein concentrate (WPC) etc.

Products	Components
Wine	Alcohol, sucrose, tartaric acid
Beer	Alcohol, sugars, total solids
Fruit Juices	Sugars, brix, acidity
Formulas	Protein, fat, solids
WPC	Fat, protein

ROI

Using the QFA flex600L, operators can simultaneously analyse several constituents in less than one minute. The short sample turnaround time for all parameters allows the control operators to react quickly to process trends, saving time and money.

Option

The instrument is easily turned into a QFA flex600+ by adding a QFA Powerport or a Rotating Sampling accessory.

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