

# Finance Options

## Quant FT-NIR



The advanced Quant FT-NIR analyser is available on a finance scheme<sup>a</sup> allowing you to avoid capital outlay and spread payments over 5 years. This provides you with a brand new Quant with minimal up-front expenditure and spreads the cost over time via fixed payments. The scheme will finance everything related to the purchase and installation of the analyser and includes annual preventative maintenance visits.

Payments are 100% deductible against taxable profits and can be structured to fit your requirements. The scheme reduces the drain on your working capital and is generally not classified as debt but as a running cost or expense.

### A New Analyser Every 5 Years

After 5 years you have the option to buy the analyser for a nominal fee or renew the scheme and receive a brand new replacement analyser.

DairyQuant		
Term	Monthly Payment	Monthly Payment After Tax Relief
60 Months	£994.08 <sup>b</sup>	£792.26 <sup>c</sup>

### Quant

The Q-interline Quant FT-NIR analyser provides rapid non-destructive analysis of food, drink, agricultural and related materials. Simple to install and easy to use, it delivers reliable and consistent results at a very low cost of ownership.

- Excellent sampling solutions - One system can analyze multiple sample types
- Unrivalled spectroscopic specifications
- Cutting edge interferometer technology - Based on ABB Bomem platform
- Solid state laser - Maintenance free
- Quartz Halogen electronically stabilised source - Average lifetime of 10 years
- ZnSe beamsplitter - Lifetime optics warranty against degradation due to moisture

Quant Specification	
Spectroscopic Performance (typical, at 25 °C with InAs detector)	Spectral range 3,700 to 14,885 cm <sup>-1</sup> Signal to noise (60s, 16 cm <sup>-1</sup> , at peak response) > 900 000:1 Frequency repeatability (@ 7300 cm <sup>-1</sup> ) < 0.006 cm <sup>-1</sup> Frequency accuracy (@ 7300 cm <sup>-1</sup> ) < 0.01 cm <sup>-1</sup> Absorbance reproducibility (toluene) < 0.002 AU
Optical Bench	Beamsplitter material ZnSe (non-hygroscopic) Interferometer mechanism high-throughput double pivot Michelson, fully jacketed Source (with electronic stabilization) quartz halogen, 10-year expected life Solid-state laser maintenance free
Data Communications	Hardware port ethernet, 10/100 Mbps

<sup>a</sup> Subject to credit rating

<sup>b</sup> Not including VAT

<sup>c</sup> Assumes corporation tax at 20%

Prices shown in this document are correct as of 23/03/2017 and are subject to change.