

FoodScan™ Lab for dairy

Fast and accurate routine analysis in the laboratory



ANALYTICS BEYOND MEASURE

The FoodScan™ Lab dairy analyser is a fast, accurate and easy-to-use instrument for routine analysis of cheese, whey powder, butter and yoghurt. Using NIR (near infrared) transmission technology it measures a variety of parameters with a minimum of sample preparation and delivers results in just 50 seconds.

Improved production control with minimal cost

Rapid analysis in under a minute lets you analyse samples during the start-up phase and identify any out-of-spec products immediately. And because you can test and test again you can make rapid adjustments before mistakes start costing money and affecting quality.

One calibration, many products

FoodScan Lab comes with tried and tested global calibration models. A single calibration covers all products within a product group, for example, butter or cheese. Plus, the calibrations cover the entire process through to final products.

In development with FoodScan™ Lab

FoodScan Lab helps you optimise routine analysis and deliver accurate results, as and when required. Operated from a PC, it offers the same speed, accuracy and ease of use as the FoodScan Pro.

Sample type

Cheese, butter, spreads, fermented and cultured products

Parameters

Fat, moisture, protein, salt, solids-non-fat (calculated), total solids

Technology

NIR Transmission technology

Specifications

Feature	Specification
Measuring range	NIR transmission, wavelength 850-1050 nm
Wavelength accuracy	< 0.5 nm
Wavelength precision < 0.01 nm	< 0.01 nm
Power supply	100-240 VAC +/- 10%, 50-60 Hz.
Power consumption	Max 175 VA
Ambient temperature	5-35 °C
Fuse	2.0 A-m
Installation category	II
Ambient humidity	80% RH
Operating system required (external PC for FoodScan Lab)	Windows 7, 32 and 64 bit
Interfaces	As pr. PC.
Degree of protection	IP 20
Pollution degree	2
Weight	37 kg
Noise level	< 70 dB(A)
Dimensions (h x w x d)	45 x 42 x 62 cm
Space requirements	Approx. 1 m working space in front of the instrument
Instrument management	
Networking software	FossManager™