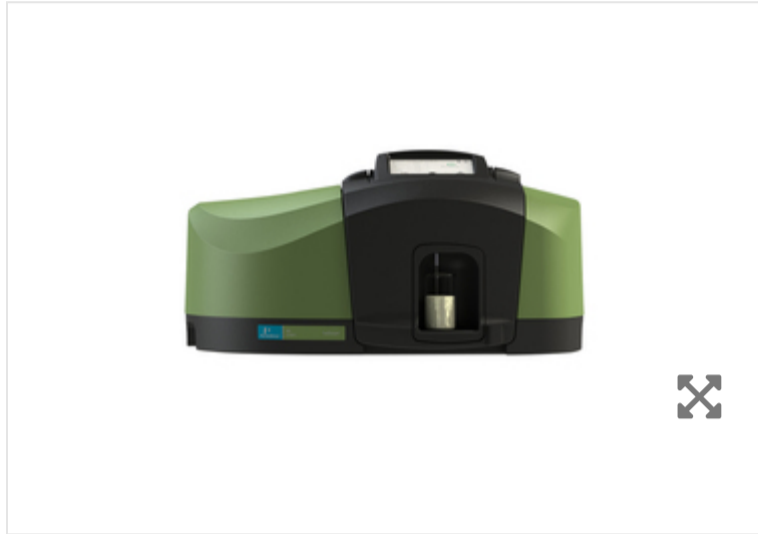


Global IndiScope FT-IR Milk Analyzer



Designed for milk collection points, PerkinElmer's IndiScope™ FT-IR milk analysis system makes milk collection and analysis efficient and reliable. An instrument that is fast, rugged and dependable, it provides accurate results every time.

With the IndiScope system, milk collectors can guarantee fair payment for milk and help ensure the milk supply is safe, wholesome, and unadulterated.

Part Number	List Price	Your Price
<input type="radio"/> F2000000 <input type="text" value="1"/>	5630.00 GBP	Login to view your price

Overview

Features and benefits

Easy to Use

- Touchscreen operated
- A single button allows for straight forward operation
- An intuitive interface with clear symbols providing guidance to the operator
- Easy-to-follow workflows that make milk analysis straightforward and eliminates the need for specialized expertise onsite

Fast Analysis

- Results are ready in 30 seconds, and the instrument is immediately ready to test other samples

Robust Design for your Environment

- Hermetically sealed spectrometer which prevents moisture and dust from getting into the instrument
- Automatically adjusts for temperature and atmospheric pressure variations

Built for Easy Maintenance and Portability

- Designed for desk top installation at the milk collection point

- Easy access to milk filter for maintenance
- Minimal moving parts that makes maintenance and transporting easy

Specifications

Technology	FT-IR
Minimum Range Capacity	Fat: 0.5% - 12% Protein: 2%-6% SNF: 6% to 12 %
Accuracy	Fat cow milk: 0.1% Reference Rose Gottlieb Fat Buffalo milk: 0.1% Reference Rose Gottlieb Protein: 0.08% Reference Kjedadhl SNF: 0.15% Oven drying method
Repeatability Std Dev	Fat: 0.04% Protein: 0.04% SNF: 0.08%
Targeted Adulterants	Urea: < 0.1 %
Limits of Detection (LOD)	Ammonium Sulfate: < 0.1% Maltodextrin: <0.6% Sucrose: <0.3% Water: < 20%
Untargeted Adulterant Detection	Reported as "abnormal milk"
Sample Capture Time	< 30 seconds
Sample Temperature Range	5-40 °C
Sample Condition	Fresh and well mixed before analyzing
Sample Volume	< 10 ml
Data Interface	2 x USB ports, data connectivity and update of software through USB stick
Display	LCD graphical color TFT display (touchscreen)
Model Transferability	Yes
Carry Over	<1%
Dust/Water Classification	IP41 for main cabinet, hermetically sealed FT-IR optics
Voltage Input Adapter	110V- 230V AC 50-60Hz
Voltage Input IndiScope	12-24V DC
Weight	15 Kg