



Unique Features

Other NIR Analyzers



Business type	Instrument manufacturer	Service provider (instrument, methods & service)
Capital investment	YES	NO (flexible payment plans available)
Technology upgrade	Need new instrument	Automatic
Instant Customer Service	NO	24/7
Technology	NIR (filter, dispersive)	FT-NIR
Data points in spectra	Tens to hundreds	Thousands
Wavelength accuracy	$\pm 2 \text{ cm}^{-1}$	$\pm 0.05 \text{ cm}^{-1}$
Adjustable spectral resolution	NO	YES
Results affected by instrument drift	YES	NO
Results affected by component replacement/repair	YES	NO
Consistency of results from multiple instruments	NO	YES
Technical know-how	Required	Not required
Calibration developer	Instrument user	QTA
Recalibration/bias adjustment using check samples	Required	Not required
Real-time remote monitoring of system performance	NO	YES
Historical information accessible	NO	Anywhere, anytime, customizable
Information Store: Database of sample information and results	NO	YES
Centralized database of information	NO	YES
Real-time access from multiple locations	Results stored on individual units for that unit only	Across an entire organization and supply chain
Data mining for information about the quality and source of material received	Must access results from each unit one at a time	Download data throughout the entire organization into one spreadsheet based on user defined criteria
Historical trending for certain products or regions	NO	Data collected and stored based on user supplied information
Record keeping made easier and more efficient	NO	Track test results by name, number, location, etc.