WHOLE GRAIN NIR FAST, ACCURATE AND SIMPLE

Moisture	10.0 %
Protein Dry basis	11.7 %
Starch Dry basis	70.2 %

PerkinElmer Inframatic 9500 Whole Grain NIR

Approved Methods

- **German PTB**
- **French LNE**
- **Australian NMI**
- **USA NTEP**
- **and more**

Inframatic 9500

Industry Technology Made Better

The Inframatic 9500 is designed specifically to meet the needs of grain traders, elevators, and processors. It tests whole grains, oilseeds, pulses, and beans for moisture, protein, oil, and more in less than 1 minute. It is fully-networkable, robust, accurate, and simple to use.

The Right Features

The IM 9500 uses industry standard NIR transmission to analyze samples with added features to make it more accurate and stable while optimizing instrument up-time. The monochromator is machined from a single metal block increasing rigidity and reducing effects of vibration and changes in temperature on measurements. All instruments are standardized at the factory to a National Institute of Standards (NIST) wavelength standard helping ensure multiple instruments provide the same results on grain samples. A certified reference pellet check sample is available to monitor hardware performance and provides a traceable record. These features – plus many others – combine to make the IM 9500 the perfect instrument for rapid whole grain analysis.

Calibrations and Approvals

With 40+ years of NIR, data collection, and calibration development, we have the tools and expertise to develop, maintain, and update global calibrations. These Standard calibrations are included with the instrument at time of purchase. The IM 9500 is approved by regulatory bodies around the world including German PTB, French LNE, Australian NMI, and US NTEP.

PerkinElmer
For the Better

Features and Benefits

Fast	30s analysis allows you to keep up with truck arrival & unloading
Accurate	Sell and buy grain according to its commercial value
Easy-to-Use	Pour in sample and press analyze on the touchscreen
Rugged / Robust	Optimal up-time to keep running during busy harvest
Global Calibrations	Included calibrations based on 1000s of samples get you up and running almost out of the box

Uses

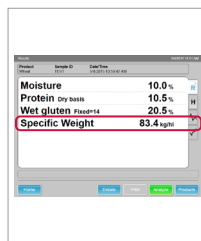|	
Grain Exchange	Save money by avoiding mixing sound and sprouted grain
Price and pay on quality	Blend grains or flours to create a product with specific characteristics
Grain In-take	Ensure deliveries meet end-user specifications and purchase agreements

NetPlus™ – NIR Grain Networking

When testing and grading grain, it's important to have visibility and control of instruments in a common measurement pool. NetPlus is a cloud solution that allows 24/7 access to results and instrument configuration. Analysis results are synchronized from the instruments to a server, providing access to registered users through a website. NetPlus allows an administrator to monitor performance and perform remote calibration updates and adjustments to all networked instruments. Many Inframatics operate within networks globally.

Specifications

Products	Wheat, Corn, Soybeans, Barley, Pulses and many others
Parameters	Moisture, Protein, Oil, Hectoliter Weight/Test Weight (optional) and more
Analysis Time	~ 30s (50s with HLW/TW module)
Sample Size	400ml (600ml with specific weight module HLW/TW)
Subsample	Up to 16 per sample
Analysis Principle	Scanning grating, Transmittance
Wavelength Range	570-1100 nm
Size (W x D x H)	485 x 390 x 370 mm (485 x 390 x 510 with HLW/TW)
Weight	34 kg (40 kg with HLW/TW)
Interfaces	Ethernet, 4 USB ports
Display	12" LCD color touch screen
Protection	Dust and humidity protected

Recommended Accessories

Specific Weight Module	Flour Module	Ticket Printer	Reference Pellets
Reports Hectoliter Weight / Test Weight (must be selected as part of initial purchase)	Measure flour and semolina in 10s for moisture, protein, and ash (select flour, semolina, or both)	Hard copy of results for driver's records	Use to routinely check hardware performance and to create a quality record

Specific Weight	Flour Module	Ticket Printer	Reference Pellets

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