

Inframatic 9200

Grain Analyzer



Benefits:

- Officially Approved
- Analyzes All Grains and Oilseeds
- Hectoliter/Specific Weight (optional)
- Fully Networkable

Inframatic 9200 Grain Analyzer

With more than a decade of whole grain analysis experience, Perten Instruments has developed an instrument that is improved in nearly every aspect – the Inframatic 9200. Better accuracy, faster analysis and operation, and an integrated specific weight module are just a few of the improvements. Its many features and overall design make it ideal for use at all grain receivals/elevators, grain trading operations, flour mills, malting, and oilseed processing facilities.



Perten Instruments has over 20 years of experience with NIR instruments in the grain industry. We are the number one supplier in the world with over 8,000 instruments successfully installed.

Features & Benefits

Rapid, Accurate Analysis: The Inframatic 9200 performs 100 sub-sample measurements in 40 seconds. The sub-samples are averaged together to produce an extremely accurate, reproducible, and representative result very quickly.

Fully Network Ready: With integrated modem and network supporting menus the Inframatic 9200 is the only grain analyzer that is fully network ready. Inframatic networks are active in a number of countries globally.

Integrated Specific Weight: An optional Specific Weight Module reduces workload and speeds work flow by analyzing specific weight in conjunction with the NIR parameters.

All Grains and Oilseeds: Perten offers ready-to-use calibrations for a wide range of grains and oilseeds of all geographic origins, including high-moisture samples. Reflectance spectroscopy assures all products are measured precisely and accurately.

Official Approvals: The Inframatic 9200 meets many international standards and recommendations such as AACC 39-25 and OIML RI 59 and is officially approved for moisture analysis in several countries including Germany.

Instrument Standardization: The Inframatic 9200 utilizes a newly developed method for standardization. This ensures that all units produce the same results for the same samples – regardless of temperature (ambient/sample/internal).

Recommended Accessories

PINS: Software for networking of multiple instruments.

PICS: Software for single instrument administration.

Specific weight module: Integrated specific weight measurement.

Specifications

Power Requirements: 115/230 V, 50/60 Hz

Dimensions (HxDxW): 330x390x450mm

Net Weight: 31 kg

Analysis time: 40 seconds

Wavelength range: 1100–1400 nm

Scans: 100 per sample

Printer: Integrated matrix printer

PC connection: USB and serial

Products: All grains and oil seeds, malt, peas, beans.

Parameters: Protein, moisture, oil, specific weight, starch, fiber, other.



IM 9200 with Specific Weight

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INSTRUMENTS

SPECIALISTS IN QUALITY CONTROL OF GRAIN, FLOUR, FOOD AND FEED