

Perten – Commercial Grain Analyzer



Inframatic 9500

Perten Instruments is the number one company in grain quality testing and has produced Near Infrared grain analyzers for 30 years. The Inframatic 9500 is the latest Inframatic model, and offers the best accuracy available.

It is reliable, robust and built to meet the requirements of grain handling operations. It analyzes a wide range of grains and oilseeds for moisture, protein, oil and many other parameters in less than 30 seconds.

IM 9500 is more accurate, more stable over time and requires less maintenance than other analyzers.

The large color touch screen with its intuitive menus make it easy to operate the instrument and to read analysis results.

Perten	IM 9500
ANALYSIS TIME	~25 seconds without HLW/TW
PRODUCTS	Wheat, wheat flour, barley, corn, soybeans & many others
PARAMETERS	Moisture, protein, oil, hectoliter weight/ test weight (optional) and many more
SAMPLE SIZE	400 ml
SUBSAMPLES	Up to 16 per sample
DIMENSIONS	19" X 15" X 14.5"
WEIGHT	75 lbs

We are your Western Canadian Perten dealer.



The IM 9500 received a National Type Equipment Program (NTEP) Certificate of Conformance in the United States. This approval means the IM 9500 and its new software was put through a rigorous set of tests and found to meet or exceed the American National Institute of Standards and Technologies requirements for testing devices.

Single Block Optics

The monochromator is machined from a single block of metal, not available in other instruments. It makes the instrument more accurate by being less sensitive to vibration and changes in temperature.

NIST Wavelength Standard

All instruments are standardized at the factory to a NIST wavelength standard (National Institute of Standard and Technologies). This means all instruments use the true wavelength scale, and hence give the same results.

Test Weight Module

The IM 9500 can be equipped with a Test Weight Module that becomes an integrated part of the instrument. The IM 9500 can be ordered to include the Test Weight Module from the factory or added at a later date.

Flour Module

The Flour Module provides the added capability of measuring flour samples including, moisture, ash, and protein. For flour millers this turns the IM 9500 into a flexible analyzer used both for grading incoming wheat and monitoring the milling process.

Ticket Printer

Print results after each analysis directly from the IM 9500 using the rapid thermal ticket printer.