

Inframatic 9520



Dedicated NIR Flour Analyzer

Perten Instruments

Perten Instruments has provided analysis instruments to flour millers and professional bakers for more than 50 years.

Perten has been an NIR instrument supplier for 30+ years. The Inframatic 9520 is our most recent one designed specifically for flour and semolina.



IM 9520 - Overview

- Dedicated flour and semolina instrument
- Operator independent sample preparation
- Analysis result in 30 seconds
- Ready to use calibrations
- Remote instrument management



Dedicated

- Flour Millers
 - Monitor and optimize yield
 - Ensure out-going flour meets customer's needs
 - Reduce returns and claims
- Professional bakers
 - Ensure you get what you pay for
 - Make necessary adjustments to specifications



Ready to use calibrations

Wheat flour

- Moisture
- Protein
- Ash
- Wet gluten
- Zeleny
- Colour L
- Others on request

Semolina

- Moisture
- Protein
- Ash
- Colour L
- Colour b



Rye flour

- Moisture
- Protein
- Ash

Calibration database built up over 5 years

Flour Analysis



- Bench-top analysis
- Ease of use – Intuitive menus and large colour touch screen
- Rapid analysis – Results in 30 seconds
- Reproducible sample presentation
- Operator independent

Reference Pellet Check Sample



- Use your own daily check samples or:
Use the Reference Pellet Check Sample
(Accessory)
- Verifies the IM9500 matches factory standards - Quality Assurance for ISO or other QA systems.

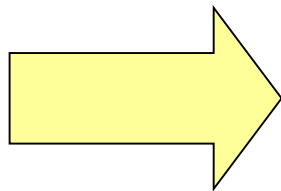


Technology

- The Inframatic 9520 uses light to determine for example moisture or protein content in flour.
- It uses Near Infrared light transmitted through the sample
- Near Infrared Transmission = NIT
- Secondary method, needs to be calibrated



Lamp



Sample

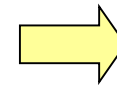


Photo detector

NIR Reporting and Instrument Management

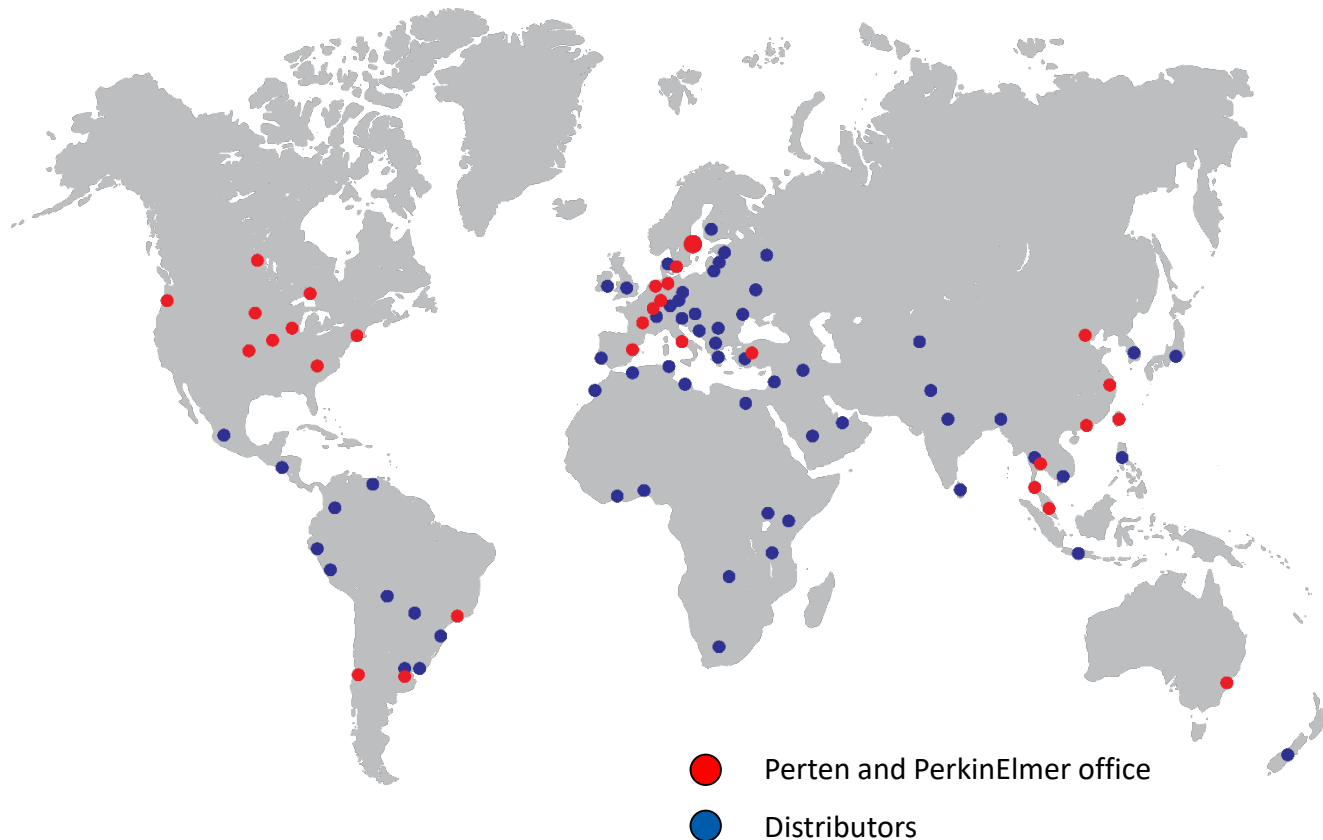
Monitor your analysis results and configure your NIR instruments from anywhere, at any time. Our web based NetPlus suite of software provides you access wherever you are.



- Cloud based networking
- Access results 24/7
- Remote instrument configuration
- Free 3 months trial included

Worldwide Presence

Our presence is worldwide through Perten and PerkinElmer offices and distributors. The Perten Instruments Group headquarters is located in Stockholm, Sweden.





Come and meet us in the Expo (18)

Thank you!