

NIR Food Analyzer



Description

Control the quality and nutritional facts of your feed, pet-food, milling and bakery products rapidly. The NIR Food Analyzer is the world's first dedicated FT-NIR standalone spectrometer available in food-grade PMMA or stainless steel. The accuracy and reproducible performance of polarization FT technology plus the hygienic design with certified dust protection meets the easy cleaning processes requested for at-line machinery.

Features

- **Polarization Interferometer** : The reason for the superior performance of this interferometer in rough environments is the difference of spatial movements and the optical path shifts for the two light beams in a birefringent crystal of variable thickness.
- **Easy-clean design increases food safety day by day** : The hygienic easy-clean design and high Ingress Protection (IP) support your routine work in harsh environments.
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Benefits

Best results

- Highly reproducible results with polarization FT-NIR technology
- Precise measurement of multiple parameters simultaneously
- Exact data through top wavelength precision guaranteed by internal laser system

Ease of use

- Efficient and time saving quick-start calibrations
- Compatible with standard industry monitor and keyboard
- Certified dust and splash water protection (IP54)
- Easy-clean hygienic design

Reliable

- Maximum reliable reads through vibration proof FT polarization interferometer
- Permanent performance verification through frequent internal standard checks
- Safe operation due to embedded industry standard PC
- Continuous operation with twin-lamp safeguard



Application

- NIRSolutions Feed and Forage
- NIRSolutions Environmental Analysis
- NIRSolutions Food and Beverage

Products Covered

- Moisture Analyzer