

INFRANEO JUNIOR

Powders & whole grain infrared analyser



Accurate

*Monochromator Transmittance Analyser
Ensuring a great repeatability*



Flexible

*A « Silo » version dedicated to the grain intake & grading
A « Silo & Miller » version for both intake & milling processes
A « Millers » version for all milling products, such as flour, bran, midlings, semolina*

Simple

*Very easy & quick to use
You just select your main products parameters (proteins, moisture, Zeleny, gluten, fat, ash...)*

Infraneo junior – The NIR dedicated to the whole grain & powder cereals by products analyze



Operation principle

- New generation monochromator in Transmittance
- Alongwith SAM technology (Self Adjustment of the Monochromator, in order to fulfill an outstanding accuracy & stability over time



Advantages

Confort

- Optimize your investment by choosing the device version you need.
- Obtain on few seconds your major products paramater (proteins, Moisture, Zeleny, gluten, fat, ashes....).
- 2 operational menus : « expert » & « user » .
- Multilingual menus.

Reliable

- High precision opticals ensuring a maximal performance.
- Homogeneous results thanks to a perfect transferability of the calibrations.
- Protected from dust & humidity, having a intagrated cleaning mode, with no temperatures impact on the results.
- Remote connexion : self diagnostic, updates, data collection, caibration updates, settings fine tuning.
- can be integrated in a NIR network (standardization).
- After starting the device, it automatically does a self diagnostic, self adjustment of both the monochromator & the detector.

Technical data

Infraneo junior

Power :	110-250v-50/60 Hz
Netto weight :	25 kg
Dimensions :	290x500x523 mm

Exploitation under Windows® XP, touchscreen 12”
Connexion USB, RS232, Ethernet RJ45, parallel port

Wavelength :	750 - 1 100 nm
Spectral accuracy :	0.1 nm
Bandwidth :	4 nm
Analyse time :	1 min.

Products analyzed : Wheat, barley, corn, soja, rye, wheat flour, bran, midlings, semolina...

Parameter analyzed : proteins, moisture, Zeleny, gluten, fat, ashes...