



SUNFLOWER SEED ANALYZER by MAGNETIC RESONANCE

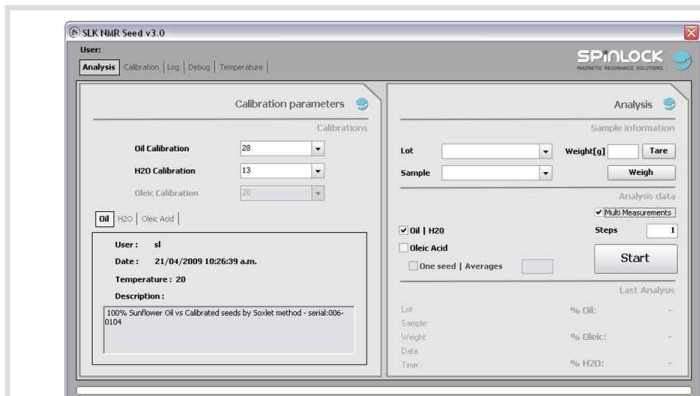
**Simultaneous and Automatic Determination of
MOISTURE, TOTAL OIL, and OLEIC ACID Content**
Capable to analyze SEED by SEED



- **Sample Size: 45 cm3 Bulk or Single Seed.**
- **Non-destructive Testing.**
- Simultaneous Sampling < 30 seconds.
- No Sample Preparation.
- Low Maintenance.
- Simple Graphical Interface.
- Portable and flexible device for using in other applications.

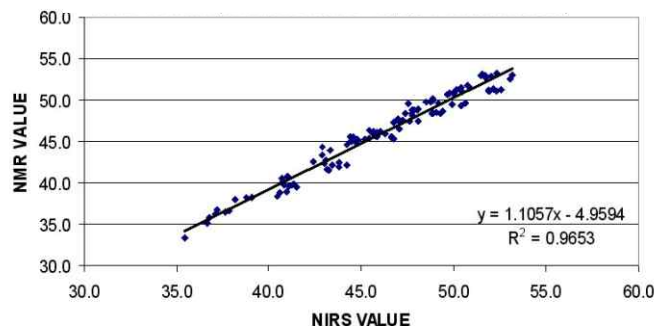
	Accuracy	Time (secs)	Norm
Total Oil %	± 0,1%	4 sec.	ISO 10565
Moisture %	±0,1%	4 sec.	ISO 10565
Oleic Acid %	±0,5%	20 sec.	Doesn't exist
Oleic Acid in Single Seed %	±2%	2 min.	Doesn't exist

SLK NMR Seed V3.0 Software

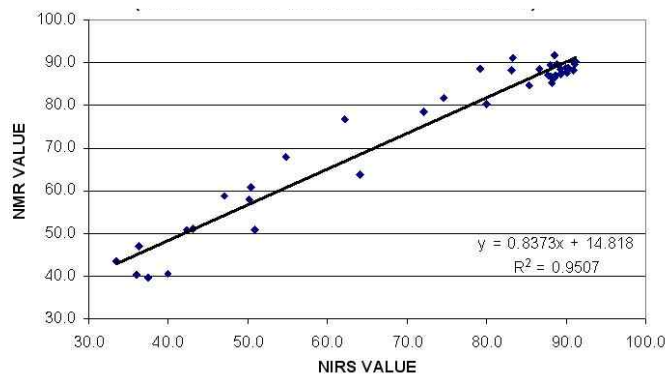


- Results on screen in a few seconds.
- Simple graphical interface, secure data acquisition and simultaneous processing several components.
- Automatic determination of the sample weight, reducing operating mistakes.
- It allows the import and export of data, reports generation and measurements record.
- It allows to renew calibrations, to add or to deactivate points, to show the adjustments and statistical parameters. Graphic visualization of the results and visualization of residues.
- Report for feat technical support and on-line diagnosis of the spectrometer state.
- Scanning of measurements condition and temperature.
- It allows the users management, permission of accesses, permission to modify information, etc.

Total Oil measurements correlation using NIRS vs NMR (100 samples - 96,5% of correlation)



Oleic acid in one seed measurements correlation using NIRS vs NMR (40 samples - 95% of correlation)



NMR SPECTROMETERS

- A fast and easy lab procedure.
- Save money by improving your processes and quality control.