

Spektron Feed



Spektron Feed measures feed quality parameters and instantly presents the results as numbers and graphs. The well known NIR technology is combined with real time software to achieve a system that eliminates feed sampling and gives instant feedback to operators, supervisors and quality personnel, enabling fast corrective actions.



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Spektron Feed is a tool for technical and operational personnel

Operators – monitor feed quality with continuous presentation of online NIR measurements

Supervisors – collect information to improve the manufacturing process; combine feed quality information and relevant process information and create reports

Quality personnel – quality analysis of the entire production with NIR technology, with reports for internal and external use

NIR technology

NIR (Near Infra Red) technology has been used for fast and reliable laboratory analysis in decades, and is the preferred technology for analysis of chemical composition in food and feed. APIS Spektron Feed takes the at-line analysis out of the laboratory and into the production line, making it the first on-line, instant feedback system for analysis of fat, protein and moisture.

Real time software

Real time software systems are used where accurate control of production is crucial for profitability. Spektron Feed has real time software, enabling better, faster and more accurate decisions on the factory floor and at supervisor level:

- continuous measurements on ingredients and products,
- continuous logging of process parameters,
- immediate presentation of measurements, process data and statistics
- fast and easy access to reports.

Spektron Feed features:

- A complete integrated solution designed for use in feed mills
- Online monitoring of feed quality with no need for sampling
- Immediate presentation of quality measurements and recipe defined tolerances (targets)
- Continuous presentation of actual feed production cost
- Small and compact measuring unit
- Alarms
- Reports with report filters, graphs and numbers
- Fast and easy transfer of optimization targets from Optimization software
- Multi lingual

Feed takes the at-line analysis of the laboratory out to the production line, making it the first true on-line, instant feed-back system for analysis of ground meet.

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