

Nutritional analysis of animal feed and feed ingredients

Anytime, anywhere: with a NIR lab in your pocket



Analysis of feed and feed ingredients
is essential for optimal livestock nutrition

Value of mobile feed analysis

Optimized workflows

- ✓ Direct on-farm feed analysis.

Instant ration calculation

- ✓ Optimize feed efficiency and animal health.

Cost saving

- ✓ Prevent overfeeding by precision feeding.

Quality assurance

- ✓ Buy and process feed ingredients with assurance of nutritional value.

Enhanced consultancy

- ✓ Boost customer loyalty and acquisition through data-driven feed advice.

Our ready-to-use applications

Feed ingredients



Cereals Oilseeds & Expeller Meals Extraction Meals Byproducts Animal Proteins

Finished feed



Poultry Swine Ruminant

Manage your feed samples in one easy-to-use system

trinamiX PAL One
mobile NIR spectrometer



From measurement to instant result

- 1 The spectrometer is connected wirelessly with our app on your smartphone.
- 2 Bring the sample in contact with the spectrometer. Press the green button to measure.
- 3 Your measurements are analyzed with specially developed chemometric models.



- 4 Within seconds the result is displayed in the app.
- 5 In our customer portal you can analyze data, download reports and transfer data to your preferred programs.
- 6 Data is stored in MS Azure cloud. Data transfer is end-to-end encrypted (SSL and AES 256).

“ A lab in your pocket is quick, cost-efficient and gives modern companies a competitive advantage. The farmer receives expert advice in line with the latest knowledge. We are proud to offer this service. “

Raiffeisen Ems-Vechte



Watch what it's all about

Our solution for animal nutrition in the field.

Miriam Suhren

Business Development and Sales Manager

Mobile: +49 151 655 708 79

Email: miriam.suhren@trinamix.de