



We create chemistry

# Nutritional analysis of animal feed and ingredients

Anytime, anywhere – with a NIR lab in your pocket

Feed formulation and continuous quality control of raw materials are time-consuming and tedious – leaving room for inefficiencies. At the same time, customers are asking for increased flexibility and tailored advice. Together with trinamiX, we offer an innovative tool that provides fast and reliable on-site feed analysis.

Receive immediate insights with trinamiX's mobile NIR solution, saving time and money.



## ✓ Transparent nutrition

Know exactly what is in the animal feed you work with – as a raw material or finished feed. Gain instant information about, among others:

- Moisture
- Protein
- ADF
- Fat
- NDF
- AMEn

## ✓ Reliable measurements

Patented optical detectors and proprietary chemometrics: Lab reliability in your pocket.

## ✓ Robust solution

Dust and water resistant, shockproof: Developed for the field and tested for your peace of mind.

Customize your analysis with our broad portfolio to match your needs.

### Finished Feed



Ruminants



Swine



Poultry

### Feed Ingredients



Cereals



Oilseed & Expeller Meals



Extraction Meals



Byproducts

### Forage



Grain Silage



Grass Silage



Hay



Fresh Grass



### Watch how it works

Our solution for animal nutrition  
<https://bit.ly/3AshkTP>

## trinamiX makes the invisible visible

Improving on-the-spot decision making with NIR Spectroscopy



- 1 Point trinamiX NIR spectrometer to object and press the green button. Near-Infrared light is sent to and reflected by the measured material.

- 2 Each material has a unique spectrum of wavelengths that is reflected. Chemometric models analyze the spectrum of the reflection and clearly identify the material.



- 3 Within seconds, a result is displayed in the app, and additional information becomes available for further evaluation in our customer portal.

### Powerful combination of mobile hardware, data analysis, and material expertise

#### ✓ Mobile

Samples can be easily measured on-the-spot with the simple use of a handheld device.

#### ✓ Fast

Within seconds, analysis results are displayed on your smartphone.

#### ✓ Compatible

Our flexible solution enables a swift integration into your preferred data management systems and processes.

#### ✓ Secure

Data is transferred wirelessly with end-to-end encryption to smartphone app and customer portal.

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