# N-SENS Feed Analyzer



# NANOSENS Spectroscopic Solutions for Industries

www.nanosens.com.tr

### **N-SENS** Feed Analyzer



N-SENS Feed Analyzer allows rapid and practical analysis of direct measurements for feed and forage samples. N-SENS Feed Analyzer offers feed and feed ingredient manufacturers fast and reliable results to optimize production, minimize costs and ensure a consistent product. N-SENS Feed Analyzer provide accurate and reliable results which allows manufacturer to handle quality issues with confidence and produce much closer to specifications. N-SENS Feed Analyzer is easy to use and provide results in less than a minute.





#### **Installation Requirements\***

#### **Technical Specifications\***

Function Range	0 - (+)35 °C**
Storage/Transport Range	-20 - (+)40°C**
Mechanical Environment	Stationary
EMC Environment	Laboratory Use
USB Connector	USB 2.0 Type A to B
Power Supply	2.1 Plug-in
Input Voltage	176-264 V
Frequency	50-60 Hz
Output Voltage	24 V DC
Output Current	3.6 A
Dimentions	250x355x170 mm
Housing	Aluminum

<sup>&</sup>quot;Specifications may be subjected to change without prior notice. "Humidity  $\le$  85% at 35°C

Solid/Liquid Measurement Mode 950 - 1650 nm (10,526 - 6060 cm-1) Wavelength Range <1.25% of center wavelength (1% typical) Spectral Bandwidth InGaAs photodiode array Detector 1000:1 Dynamic range (Max) 10 ms typical, minimum 10 µsec Integration time 23,000 (average of 100 scans) Signal-to-noise ratio (typical) 2000 spectra/sample Number of scan >40,000 hr Bulb life Spectralon (>99% Diffuse Reflectance) Reference Up to 3 AU Absorbance range <30 sec\*\*\* Analysis time Direct measurement (ground/unground/ pellets) Sample Type Fat, protein, moisture, ash, starch and crude fiber\*\*\* Parameters

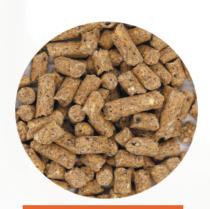
\*\*\*Adjustable



### **N-SENS** Feed Analyzer



**Chicken Feed** 



**Ruminant Feed** 





Maize



**Sunflower Meal** 



Soybean Meal

- •N-SENS Calibration Line include various feed and raw materials.
- •N-SENS Feed Analyzer calibration line is created with the analyzes performed in the fully equipped feed analysis laboratory.
- •If you are looking for a fast method applicable for various kinds of substances such as solids, powders, pellets, or liquids, N-SENS Feed Analyzer is the method of choice.



NO time consuming analytical methods

NO sample preparation

NO expensive consumable

**NO** toxic reagents

# N-SENS Feed Analyzer

## Rapid, Easy, Accurate





www.nanosens.com.tr