

N-SENS Vial Analyzer



NANOSENS[®]

Spectroscopic Solutions for Industries

www.nanosens.com.tr

N-SENS Vial Analyzer



N-SENS Vial Analyzer is an analysis system based on Near-Infrared (NIR) spectroscopy technique, allowing fast and practical analysis of solid and liquid samples. N-SENS Vial Analyzer, which analyze of purchasing raw material, semi-product and final product, such as milk and dairy products, wheat and milling products and different solids and liquid sample groups, performs the analysis results within seconds in parameters such as moisture, dry matter, fat, protein, lactose, etc. Thanks to its sample-specific calibration models, it provides the opportunity to work in different sample groups.

Simple Measurement

- In the system, the samples are placed in the temperature control unit with tubes.
- After the sample reaches a constant temperature (40 °C) within 3 minutes, it is taken into the chamber in front of the sensor and the analysis is started with a single click.



Device Components

- Heating Unit (6 chambers)
- Analysis Unit
- 7 inch touch screen PC
- Battery and power supply
- External 2.0 USB Port x 2
- NFC/ GPS/ (optional)
- Barcode reader (optional)

Technical Specifications*

Sample Volume	1.4 mL (liquid); full (solid)
Sample Temperature	2-40°C
Analysis Start Time	15 min
Sample Type	Solid/Liquid
Analysis Time	24 sec
Calibration Models	Customized according to sample type
Adapter	DC 12V/10A
Dimensions	242x301x210 mm
Weight	6.5 kg

*Specifications may be subjected to change without prior notice.