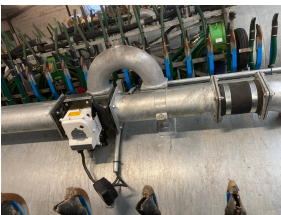# EvoNIR 4.0

ON-FARM

IN FIELD

EvoNIR 4.0 Analyzer with ISOBUS protocol can be connected to any virtual terminal with built-in ISOBUS task controller and can be installed on forage harvesters, combines, balers, forage wagons, slurry tankers, compactors, feed mixers and portable in a carrying case
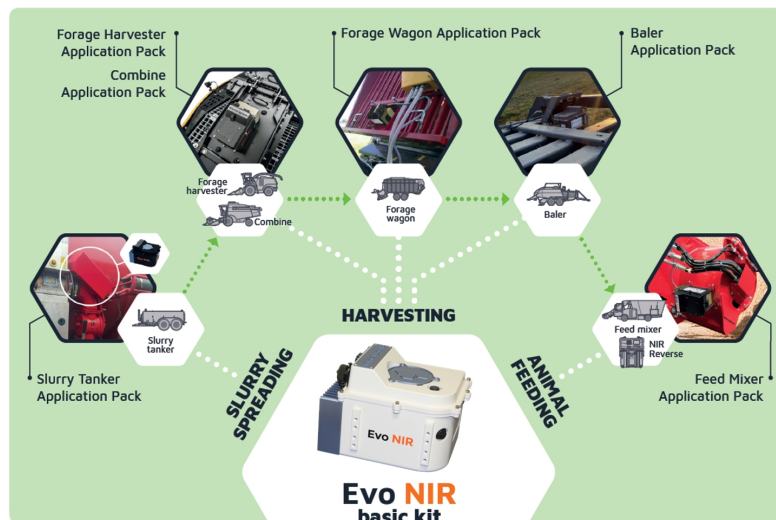
GALLERY

FEATURES

- EvoNIR 4.0 Analyzer with ISOBUS protocol can be connected to any virtual terminal with built-in ISOBUS task controller
- EvoNIR 4.0 Analyzer is also equipped with CANJ1939 protocol.
- NIR Evolution Software: provided as standard with the purchase of Evo NIR analyzer enables:
  - initial verification of your NIR device.
  - keeping your analyzer always up-to-date (update of calibrations and firmware).
  - reliable predictions thanks to the constant alignment between your NIR analyzer and test lab
- EvoNIR 4.0 can be associated to the following Dinamica Generales' indicators:
  - Field Scale
  - DG8000-IC (available soon)
  - Virtual Terminals

DLG certified product for use on Slurry Tankers

DINAMICA GENERALE S.P.A.
EVO NIR ON LINE NIR-ANALYZER 4.0
MIT SW 4.6.3.38 UND
KALIBRATIONSMODELL 910
✓ Inhaltsstoffe in Mischgülle aus Rinder- und Schweinegülle: N_{Gesamt}, NH_4-N, K_2O
✓ Inhaltsstoffe in flüssigem Gärrest: TM, N_{Gesamt}, P_2O_5, K_2O
DLG-Prüfbericht 7235

DINAMICA GENERALE S.P.A.
EVO NIR 4.0 mit SW 4.6.3 und
KALIBRATIONSMODELL 908
✓ Inhaltsstoffe in Schweinegülle: N_{Gesamt}, K_2O
DLG-Prüfbericht 7140

DINAMICA GENERALE S.P.A.
EVO NIR 4.0 mit SW 4.6.3 und
KALIBRATIONSMODELL 907
✓ Inhaltsstoffe in Rindergülle: TM, N_{Gesamt}, P_2O_5
DLG-Prüfbericht 7139

CONFIGURATION

BENEFITS

- Versatile like no one: the EvoNIR Analyzer can be installed in different type of machines in the market. From Balers, Combines and Forage Harvesters up to Slurry Tankers and Compactors.
- The EvoNIR sensor increases the efficiency of daily work, speeds-up the return on investment and allows collecting data into the DG Big Data Cloud platform for the generation of prescription maps and cattle feeding programs specific reports to support decisions.
- Managing EvoNIR with the NIR Evolution Cloud software makes your work more efficient and sustainable.
- Never wait for moisture tests or lab results
- Leave out guesswork from your daily farm practice

VIDEO

Full Traceability: from Field to Food

TECHNICAL DATA

INGRESS PROTECTION
IP 69 K

ACCURACY

Moisture: 2%*
ADF, NDF, Starch, Ash,
Crude Fat: 3%

POWER SUPPLY
12 – 32 Vdc

WEIGHT
4,5 kg (9,9 lbs)

WORKING TEMPERATURE
-10 / +50 °C (14 / +122 °F)

CASE DIMENSIONS
171 x 233 x 174 mm (6.7 x
9.2 x 6.8 inches)

CASE MATERIAL
Aluminium

* The degree of accuracy depends upon the availability of prediction models for each product, on-site verification of the
instrument, use of the NIR Evolution Cloud Software
Area coverage (wireless): 100 m / 330 feet
Area coverage (WiFi): 1 Km / 0.62 miles
Accuracy (Moisture): Max 2%
Accuracy (ADF, NDF, Starch, Ash, Crude Fat, Sugar, pH): 3%
Ingress Protection: IP 69K
Power supply: 12 – 32 Vdc
Weight: 4 kg (99 lbs)
Working Temperature: -10 ÷ +50° C (14 ÷ 122° F)
Case Dimensions: 171 x 233 x 174 mm
Case Material: Aluminium
ISOBUS virtual terminal compatible: Yes
ISOBUS task controller compatible: Yes