



Together
for sustainable development

O_2

CO_2

NH_3

CH_4

We have more than thirty years of experience in sensor applications, electronics and IT. We collaborate with various research institutes engaged in environmental monitoring and smart agriculture, providing our multidisciplinary knowledge by making advanced equipment for carrying out these activities.

MooLogger *Plus* is our latest contribution to livestock research.

MooLogger *Plus*

Not just a simple *sniffer*



A robust and reliable **CO₂** and **CH₄** measurement **device** designed to work in **harsh environments**



The result of the **experience** gained on-site through collaboration with several Research Institutes in this field

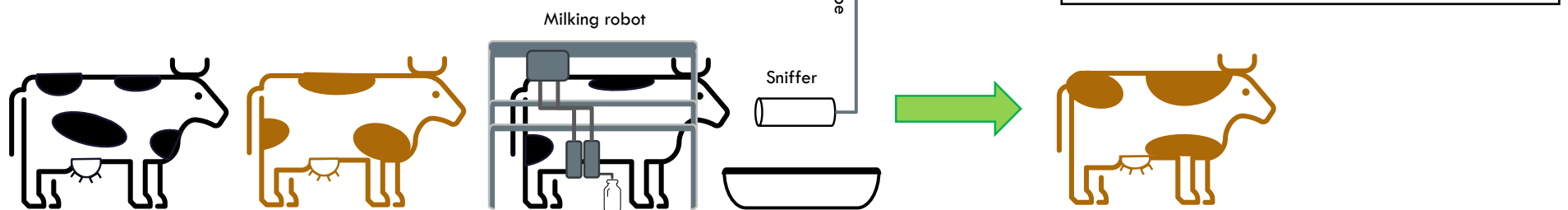


The essential tool for **research and monitoring** of environmental parameters in livestock field



Specifically designed to **operate unattended** in harsh environments like farms

Set up example



Recommended installation: near milking robots or automatic feeders



Features

Measurements

- Continuous monitoring of CO₂ (up to 50000 ppm) and CH₄ (up to 5000 ppm)
- NDIR technology based
- Humidity compensation and temperature stabilization of the gas sample for best accuracy
- Sampling time configurable down to 1 second
- Auxiliary integrated sensors (flow, temperature, relative humidity...)
- More than 1 year data storage (data belong to the customer)
- Web interface for data export, calibration, device status display

Integrations

- IP65 Metal box
- 100-240 VAC power supply
- Integrated gas sampling pump
- Drying system to prevent condensation
- Automatic recovery procedure in case of accidental water inlet
- Smart cold-start heating system
- Integrated pump for condensating water discharge
- Automatic system for sample “nose” cleaning (*requires external compressed air*)
- Exclusive gas-inlet for zero and span calibration

Some more features

- Automatic lockout function in case of extreme ambient conditions
- Programmable automatic export functions, with data transmission via FTP
- Guided semi-automatic calibration procedure via web interface
- Programmable auto-calibration feature
- E-mail notification for error
- Additional custom alarm and message conditions
- Automatic calibration feature (available on the advanced version of the Moologger)



Our Assets

We started selling sensors in 1994.

Today our activities are much more vast and articulated but we have always thought, since the earliest days, that it was not possible to sell things that are not known in depth.

Many things have changed since then, things that for example no longer exist, such as products that have become obsolete over the years and have been replaced by more innovative ones like the new technologies we are dealing with today.

The know-how acquired and the experience gained over the years, those have remained instead. It is an asset that we consider important, which has grown over time and has allowed us to do new things by continuing to carry out a precise and effective technical support activity for our customers.

The Sales Team



Walter Riva
Sales Director



Roberta Rossi
Sales Back Office
Manager



Simone Zaccarini
Sales Specialist



Chiara Viviani
Sales Specialist



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