Track a Cow™ Component list

EcoHerd terminal

Part No.: CMPMSIWINDU100

Size: 260X180X45mm

Weight: 960gr.

Track a Cow™ Leg tag pedometer

Part No.: FPCOWTAGA

Size: 68x50x26mm

Weight: 75gr.

Track a Cow™ receiver

Part No.: FPRECIEVARLRP

Size:180x130x60mm

Weight: 509gr.

USB/RS485 converter

Part No.: FPCOMCARD

Size:150x110x70mm

Weight: 475gr.

Antenna Cable 10m

Part No.: CARG58TFBM-I10

Antenna

Part No.: ANT433TNCSOW5

Size: 360x15mm

Weight: 41gr.

ENGS Systems Computerized Dairies

Dairymac Limited
Brook House, 3 Brookview, Tanfield Lane
Wickham, Hampshire, PO17 5NW, England
Tel/Fax: +44 (0) 1329 835571
Email: sales@dairymac.com
Web: www.dairymac.com

Dairymac Animal Health Products
INNOVATION • QUALITY • VALUE

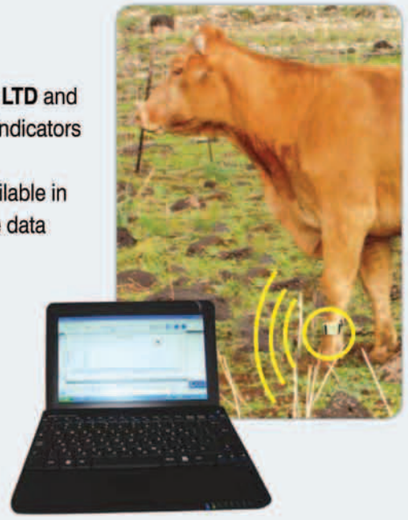
Track a Cow™

IN-HEAT & COW MOVEMENT TELEMETRY SYSTEM

Dairymac
Animal Health Products
INNOVATION • QUALITY • VALUE

Are your cows grazing? Too busy to observe your heifers?
Do you milk with a robot?

It does not matter how you manage your cows, **ENGS Systems LTD.** has the solution for any size of herd and any farm type, with the only long-range radio leg tag in the world. Track a)) Cow™ features the smallest pedometer in the market, for detection of in-heat and cow movement.

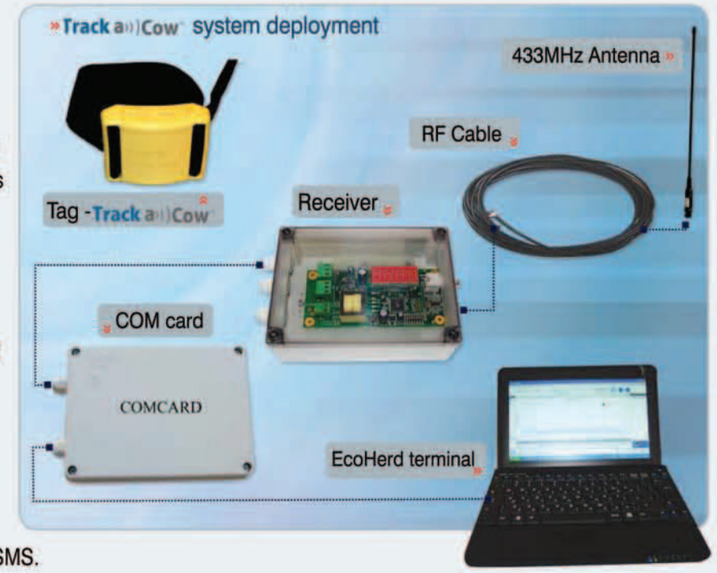


Track a)) Cow™ Main Characteristics

- Uses the Long Range Pedometer (LRP) technology from **ENGS Systems LTD** and provides an advanced, high-resolution in-heat detection with continuous indicators for animal posture - lying or standing.
- The LRP technology uses 433MHz ultra long-range radio, which is freely available in most countries around the world (ISM band). This enables frequent, real-time data transfer, thus providing more information than any competing system.
- The typical installation is simple, consisting of single unit receiver covering a range of up to 500m.
- No physical bottlenecks are caused by the readers or gates.
- The Track a)) Cow™ system easily integrates with existing milking equipment and provides additional features for cow identification, both in-post and during walk-through.
- With a completely sealed enclosure, no battery replacement is required during the operating life of the LRP tag, enhancing higher safety and reliability.
- Simple and fast strap attachment on either front or back leg.
- 6 years regressive guarantee.

The Advantages of High Resolution

- Cow information is updated every few minutes – Real-time telemetry.
- Not influenced by irregular milking sessions (robot milking).
- Improved data accuracy – Higher resolution and advanced signal processing techniques allow detection of events only 3-4 hours in duration.
- Quicker in-heat detection - during the 2nd phase of the heat cycle.
- Less in-heat events missed compared to slower systems.
- Not influenced by pasture size or distance to the pasture.
- Automatic "ready for insemination" notification can be sent to printer, e-mail, or SMS.
- A powerful tool to analyze in- heat for herds in grazing and parlors with irregular milking regime.
- Lactation graph with superimposed cow events.



Track a)) Cow™ EcoHerd software

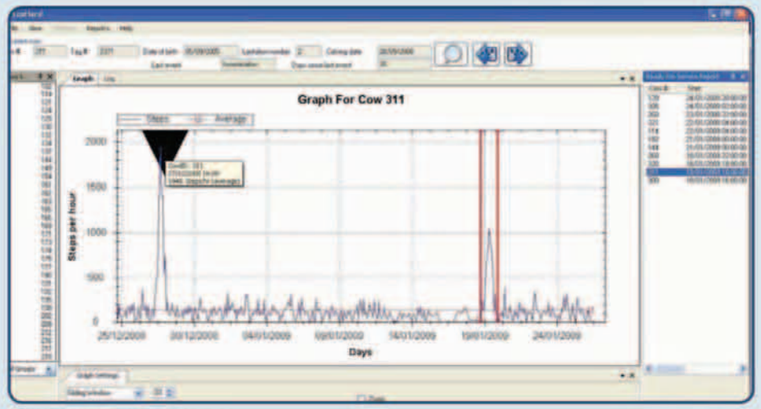
Reports

- Ready for service – Cows in-heat that are ready for insemination.
- Suspected for in-heat – Cows with high activity that are suspected to be in-heat.
- Cows in-heat – Cows with in heat or insemination event
- Inactive tags – Indication for malfunctioning tags, or tags that fell off the animal.
- New tags – Indication for cows with tags that had been attached during the last 7 days - immediately assisting you to monitor cows with new tags during the first 7 days, before they will be shown on the reports.
- Irregular behavior – exceptions of low activity cows, high activity and activity related to certain hours or animal conditions.
- Daily average steps per hour over the lactation.

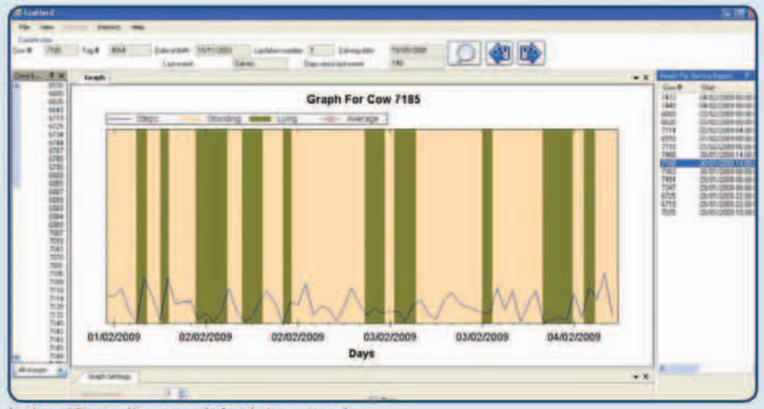
- Set in-heat and insemination events for cows that show on the report.
- Export the reports to Excel or other applications.

Graphs

- Activity in a convenient sliding window. Resolution scale: 1,2,4,6,8,12,24 hours. Up to 60 days history.
- Posture (lying/standing) graph in combination with activity.
- Selected lactation.
- Multiple lactations.



High resolution graph



Lying/Standing and Activity graph

EcoHerd can be interfaced (export/import) with existing herd management systems

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