SCR DATAFLOW™ II SYSTEM

Complete, integrated, real-time milking management and cow monitoring solution

The SCR DataFlow™ II System is a real-time solution herd management. It provides the herd manager as well as the milking pit operator with a set of tools designed to help with daily tasks and work in a more efficient and productive way.

The system provides powerful management tools, including reports, graphs, analytics, task lists and lifetime cow card history. The system also enables control and support of other components like sorting gates, individual feeding, in-parlor messaging board, and others.

SCR
Make every cow count

Advanced Herd Management Solution

Comprises of hardware and software, the DataFlow™ II System controls the whole milking process and automatically collects and analyzes data from the monitoring tags.

- On-line milking monitoring and milk production using SCR FreeFlow™
- Accurate heat detection and advanced health monitoring
- Graphs, reports and analysis - only the information you need when you need it!
- Daily task lists and actionably information
- Real-Time notifications including labor related alerts
- Synchronization and connectivity with 3rd party solutions

Easy to use and flexible solution

SCR's philosophy is keeping the user interface as simple as possible avoiding complicated panels while delivering the right information at the right time.
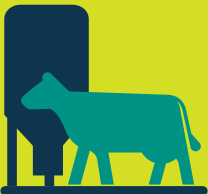
Milking operator:

- The system presents only the exact information required for milking pit operation, at the individual SCR MC200 milking points and on a central LCD screen
- Relevant information such as sick cows, dangerous cows, or cows that are under-producing, is visible at a glance from the milking point
- The operator is able to enter information directly from the pit
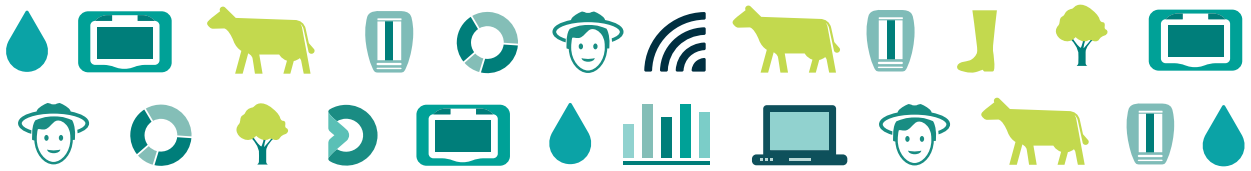
Herd Manager:

- Customizable interface, reports and graphs
- Full support for multiple users (such as herd manager, veterinarian or nutritionist), multiple herds, and different milking parlors
- All data can be accessed from distant locations, including home and mobile phone
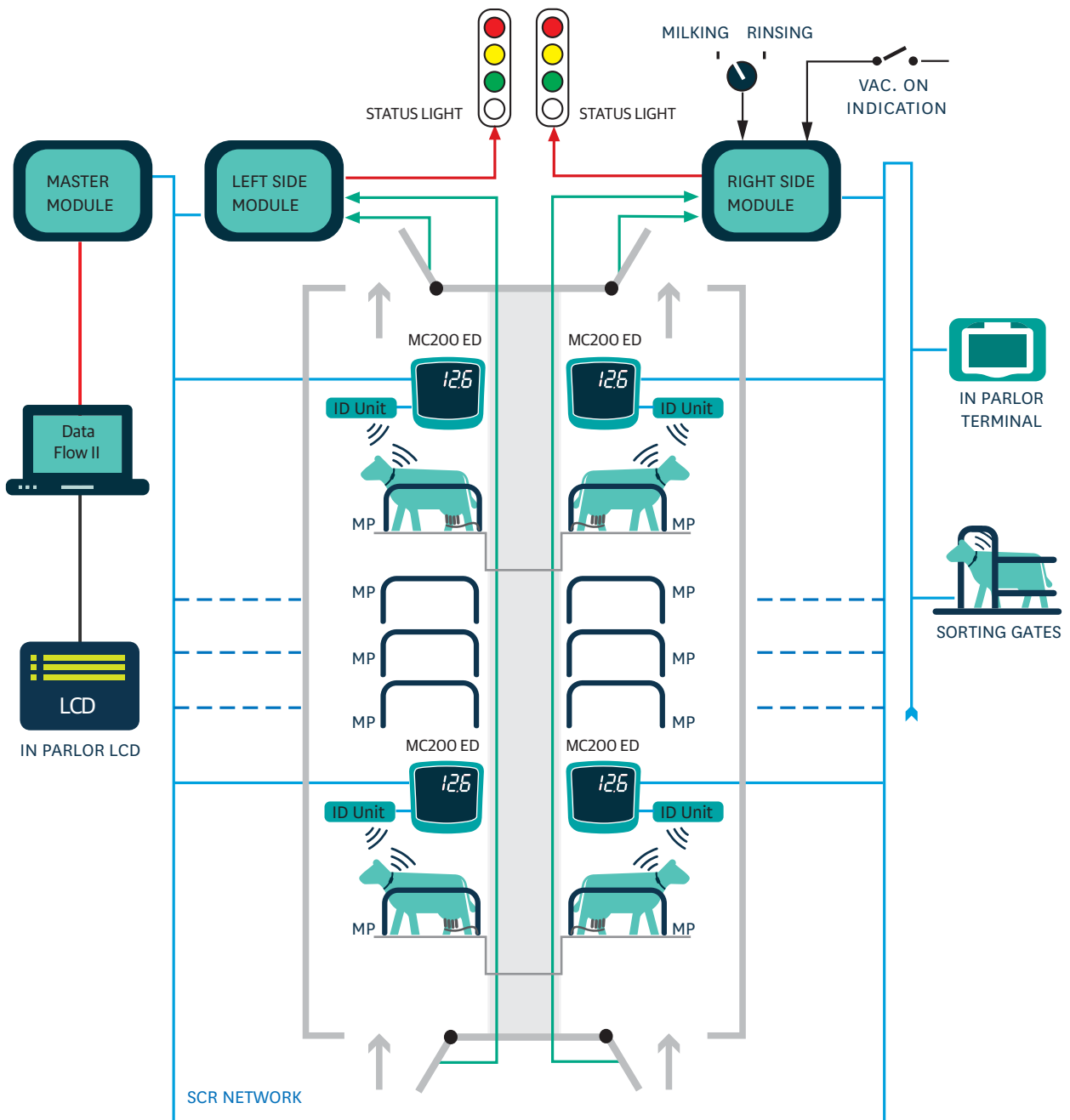
Durable and scalable solution to protect your investment

The DataFlow II System works with SCR tags and SCR milking control systems, including the FreeFlow™ milk sensor and SCR pulsators. The system is designed for scalability so the farmer can easily expand his equipment according to the farm's needs and growth.

- Highly durable, with virtually no maintenance required
- Simple to install
- Can be easily added to any existing parlor to protect previous investments
- Upgradable – can grow with the herd and needs

Example of system layout - side by side Parlor

MILKING RINSING

VAC. ON INDICATION

STATUS LIGHT

STATUS LIGHT

MASTER MODULE

LEFT SIDE MODULE

RIGHT SIDE MODULE

Data Flow II

IN PARLOR TERMINAL

MC200 ED

MC200 ED

ID Unit

ID Unit

MP

MP

MP

MP

MP

MP

MP

MP

SORTING GATES

MC200 ED

MC200 ED
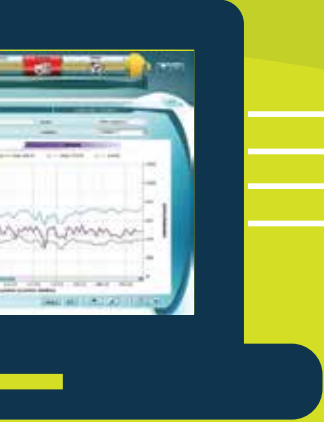
ID Unit

ID Unit

MP

MP

LCD

IN PARLOR LCD

SCR NETWORK

* The above layout is for illustration purposes only. Solutions available for other parlor configurations as well (rotary, midi-line, herring bone and more)

Auxiliry

In parlor

In-parlor individual feeding

In-parlor terminal

In-parlor messaging board

Data

Rumination data

Activity data

Milk records

Automatic 3rd party data import

Automatic 3rd party data export

SCR 2014

systems

Out of parlor individual feeding
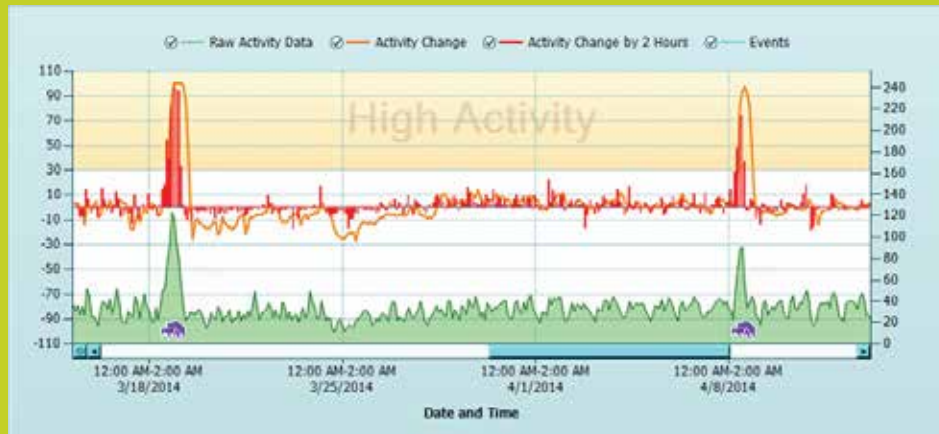
Out of parlor

Walk-on scale

Sorting gates

Actionable Information

Group & herd reports

Milking efficiency

Mastitis alerts

Cows in heat

Working lists

Sick cows

Farm trends

SMS and Email alerts

Heat detection:

The system recognizes irregular activity and rumination caused by non-heat-related external events and isolates the data from the heat detection. You can confidently handle all heat detection using just this system, without visual observation and with full peace of mind that heats are being detected

Heat detection and health monitoring:

The system uniquely combines rumination, movement and movement intensity measurement, recognizing behavior patterns. Individually benchmarked rumination measurements are combined with the activity information, delivering exceptional heat detection accuracy by creating the classic "diamond" shape making heats even more obvious.

user interface and reports

Rumination monitoring:

Specific groups react to ration formulation changes or changes in the mixing or feeding protocol. Rumination monitoring, with customizable analysis and reports, provides timely and accurate insight into the effectiveness of ration or feeding changes.

Milking control:

Real-time milking parlor management - monitoring the milking parlor enables you to follow every cow in the milking pit in real time. Comprehensive information is displayed in an easy to read reports and graphs.

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