Complete control of your herd

DeLaval

www.delaval.com

DeLaval

**DeLaval milking point controller
MPC510 and MPC610**
Connecting you to herd management

ALPRO® herd management system
Whether it's feeding, milking or drafting – ID is the key! Automatic identification is the natural complement to milk metering and is the key to an integrated herd management system.
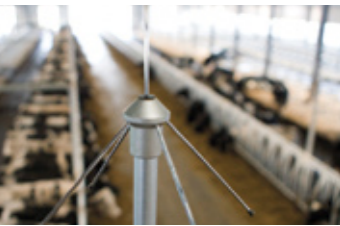
In-parlour and out-of-parlour feeding
DeLaval feeding systems allow you to adjust feeding rations throughout the whole lactation cycle to maximize milk production. You save on labour costs, avoid inflexible working hours and are instantly alerted if any animal deviates from her normal feeding routine.

Reduce your labour
DeLaval cow sorting allows you to reduce your daily labour demands by automatically diverting your herd in up to five different directions, based on various sorting criteria. A flexible, easy-to use PC interface allows you to select cows directly from the printout or attention note and batch-enter those to be sorted.

Manage breeding success
Measuring individual cow activity allows you to automatically improve heat detection. The lightweight DeLaval activity meter continuously collects and transmits activity data on each cow, so you can efficiently plan your breeding program.

ALPRO® PC software for Windows™
Complete cow milking, feeding, breeding and veterinary records help you make the best management decisions. Historical data on individual cows and a superb graphical user interface, allow you to monitor lactation curves, fat and protein content. You can also view the likes of body score development, somatic cell counts and other cow-related parameters.

Personal digital assistant
Today's dairy farmers can save a lot of time and money by using an affordable handheld computer or personal digital assistant (PDA). You can then access information on the farm anytime and anywhere without searching through paperwork or cow cards.

Main features
- Vacuum on delay
- Let-down delay
- Post milking phase
- Vacuum shut-off delay
- Milk sweep
- Forced take-off limit
- Pulsation stop
- Dump and low yield attention
- Sort cow functionality
- Treat, feed indication and remind codes*

Main options
- Duovac®
- Remote start and manual button
- In-parlour feeding*
- Entrance and exit gate operation*
- Indexing cows*
- Back flush
- Post stripping with Alfadust
- Retention bar in parallel rotary

* Only available with DeLaval MPC610

Simplify your milking routine

The easy-to-use DeLaval milking point controller MPC510 and the well proven DeLaval milking point controller MPC610 are designed to help you maximize production with a consistent, efficient milking routine. These units handle all the important data recording functions you need, while minimizing the amount of manual input required. DeLaval MPC510 and MPC610 can easily be combined with remote buttons for start/stop milking and manual mode to make routine work less stressful for the operator.

Milker and cow comfort

DeLaval milking point controller MPC510 and MPC610 make the total milking experience comfortable. A good option is to combine the cluster remover function with Duovac® flow control milking. This combination provides a very safe milking routine and excellent stimulation, to secure good udder health. Both controllers can be used with all DeLaval flow indicators and milk meters.

Herd management connection

Both these milking point controllers interact with the ALPRO® herd management system. This combination records individual milk yields and will inform you when to divert or dump milk that is not suitable for collection. Cows delivering this poorer quality milk can then be diverted to a separate area for treatment after leaving the parlour. A low yield alarm is displayed for cows with a significant yield decrease after milking. In-parlour feeding further enhances your herd management by helping you control delivery of individual rations.

Full herd management

The milking point controller (MPC) is the vital parlour user interface for the ALPRO® herd management system and the control unit for all operations at the milking point. It communicates the incoming data per cow from the ID system together with milk yield recordings from a milk measuring device, to the herd management system. Both DeLaval MPC510 and DeLaval MPC610 offer full control over the milking point and full herd management connection in the parlour. However the premium DeLaval MPC610 allows you to make many more active inputs on all milking points, than DeLaval MPC510.

The choice is yours

Combining DeLaval MPC510 with DeLaval MPC610 gives you numerous functions at your finger tips. You can choose to have control of all milking points, full functionality at each milking point or any combination between – regardless of whether you are looking at a new facility or upgrading your current equipment.

DeLaval milking point controller MPC510

This simple-to-use interface at the milking place focuses on the operational part of milking management while still offering full herd management connection. DeLaval MPC510 can operate on the system or stand alone and is designed to provide smooth milking operation in small to medium sized herds. It is possible to remote control any DeLaval MPC510 with any DeLaval MPC610 in the parlour, without moving to the cow place. This effective and convenient feature can simplify parameter settings, allow you to remove a cluster from a distance in a rotary or control a remind code as required.

Colour coded LED displays
Indicators give the operator information for don't milk, divert milk, separate cow, low yield, low flow, forced high vacuum and manual milking.

Easy access buttons
For the most frequent milking operations such as start / stop milking, manual milking and separate cows.

Flexible configuration
DeLaval MPC510 is available with integrated pulsator, ACR-valve and Duovac® or individual loose components. This offers excellent flexibility when upgrading an existing plant.

Control lamp
The control lamp will draw your attention from where ever you are in the parlour.

Six digit display
Yield information is clearly displayed with six green digits for easy reading from anywhere in the parlour and cow numbers alternate with yield during milking. By pressing the toggle button you can also display milk yield and milk duration. DeLaval MPC510 indicates when more information is available from DeLaval MPC610.

DeLaval milking point controller MPC610

With the robust DeLaval MPC610, you interact with the ALPRO® herd management system from the parlour. All relevant attentions are indicated with various coloured LED displays to immediately alert the operator when action is required.

The left key-pad controls the milking point, remote controls any DeLaval MPC510 and operates the gates. The right key-pad is dedicated to communicating with the database. DeLaval MPC610 gives you full control of all other milking points and combines perfectly with DeLaval MPC510.

All the functions of DeLaval MPC510 are also included in the DeLaval MPC610 together with additional functions.

Left key-pad
Extended easy access buttons:
• Gate control
• Milking operations
• Indexing
• Remote control of DeLaval MPC510

Remote function
Any DeLaval MPC610 can remote any other MPC in the parlour to read or modify information concerning a specific cow from a specific milking place. This reduces displacement during milking and improves the efficiency of the parlour routine.

Colour coded information
In addition to all information available on the DeLaval MPC510, the DeLaval MPC610 also gives alarms for feeding and cow treatment. There are also indicator LED displays for the four user-defined reminders.

Right key-pad
Communicates with the ALPRO® herd management system, giving access to cow data such as expected milk yield.