

DeLaval milking point controller MPC100 Series

For flexible performance



Durable, flexible and functional

The DeLaval Milking Point Controller combines modern technology with decades of experience from DeLaval's global network of engineers, dealers and producers.



State of the art Durability

The dairy parlor is one of the world's harshest possible environments for electronic equipment. To meet this challenge, the fully potted electronics are sealed in a plastic enclosure with safety moisture drains and a sealed wiring chamber. All are designed to insure the electronics are protected from moisture, chemicals and gases that are present in every milking parlor.

Flexible to meet your specific needs

DeLaval milking point controller MPC100 Series is designed with the flexibility to fit individual dairy producer's requirements. The DeLaval MPC100 series range from basic automatic take-off functions, to a full selection of milking functions like claw drop, milk sweep, maximum on time removal, pulsation control or milk weights. The DeLaval MPC100 series also comes with a range of operating options from stainless steel and plastic take-off cylinders to milk valves for either 5/8 inch (16 mm) or 3/4 inch (19 mm) claws. You can even choose stainless steel cabinets to give your parlor that extra premium appearance.

Easy and smart functionality

With one simple button the milker controls the whole milking routine. A multi-colored LED is incorporated into the MPC's body, keeping your milking staff constantly updated on each animal's milking performance using a simple code. No need to spend additional time going back and checking cows to determine where they are at in the milking cycle, they will already know. This quick and easy operational routine translates to high parlor performance and potential cost savings. Plus, the remote programming feature means that changing program settings can be accomplished in minutes.

The cost-effective choice

With the DeLaval milking point controller MPC100 series, you can choose the performance and the functionality you need for your operation. Three levels of functionality and optional operating components, such as sensor type, size, and take-off cylinders mean you only pay for what you need, rather than features you'll never use.



Durability for tough demands

DeLaval has built in the durability that is needed for under the curb application, the flexibility to fit different production environments and the specific functionality that is required by dairy producers. The high quality and flexible series of DeLaval milking point controller MPC100 will meet your take-off performance needs.

DeLaval MPC100 Series

All units are based on the same compact design with a triple-sealed plastic enclosure to protect your investment from the harsh environment in the parlor and also during high pressure cleanings. The button sits in a snap on/snap off mount and is easy to take away to clean or replace in seconds. The multi colored LED is mounted in a molded dome for protection and visibility. To download new software or change parameter, we are using the DeLaval VPR 200. You have full control of all settings from the VPR and do not need to open up any covers to set milking parameters.

MPC130

This unit offers a full range of take-off functions that allow you to fine tune the milking session to match your management style. Whether your goal is to get milk out of cows as complete as possible or to maximize the through put of your parlor, the MPC130 has the program flexibility to meet this demand.

MPC150

The MPC150 is the top of the line unit with all the functionality of the MPC130 unit with the added ability to control the pulsation system. It's also equipped with quick connects so you can easily change the unit or its peripherals in seconds. This unit is specially designed for the Heavy Duty 24/7 type of operation where serviceability and short down times are important.

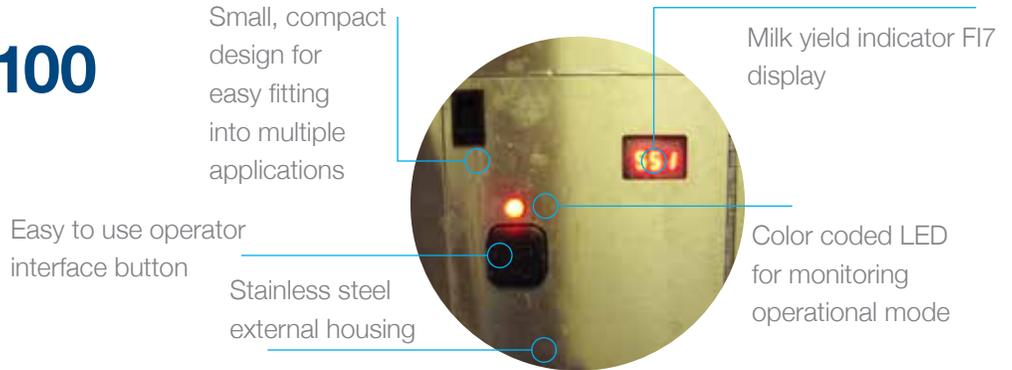
MPC150 with FI7 flow indicator.

The MPC150 is upgradeable with the robust and efficient DeLaval flow indicator FI7, which delivers reporting accuracy of the flow, milk yield and milking duration of each cow. It also enables the MPC150 to adjust the pulsation ratio and can provide stimulation for cows in the herd with slow let-down, if desired. This will give you all the tools to speed up the milk evacuation process in order to shorten milking time.



DeLaval MPC100 Series

Milking Point Controllers



Features	MPC130	MPC150	MPC150 + FI7
Milking			
Take-off delay	x	x	x
Pre milk time	x	x	x
Vacuum on delay	x	x	x
Maximum milk time	x	x	x
Minimum milk time	x	x	x
Milk sweep function	x	x	x
Claw drop function	x	x	x
Pulsation stop function	n/a	x	x
Individual pulsation control	n/a	x	x
Adjustable pulsation rate and ratios	n/a	x	x
Variable pulsation	n/a	n/a	x
Milking Management			
Liner change warning	x	x	x
Milk/wash power up mode	n/a	x	x
Blocked air bleed warning	n/a	n/a	x
Slip warning	n/a	n/a	x
Kick-off warning	n/a	n/a	x
Installation and cabinets			
Stand alone HD bracketing	o	o	o
Cabinet integration	o	o	o
Quick connections	n/a	x	x
Milk flow sensor and shut-off			
5/8 inch (16mm) HFC milk sensor	x	o	n/a
3/4 inch (19mm) HFC milk sensor	n/a	o	n/a
FI7 flow indicator with display and HFS shutoff	n/a	o	x
Retract devises			
Plastic, vacuum operated, rope take-off cylinder	o	o	o
SS, vacuum operated, rope take-off cylinder	o	o	o
Pneumatically operated, chain take-off cylinder	o	o	o

x = standard feature; o = optional feature; n/a = not available