



A BRUSH WITH



GREATNESS

FutureCow[®] Prep System

The most consistent cow prep for any herd size.

engineering for a better world





The FutureCow® Prep System from GEA accomplishes multiple pre-milking procedures in one easy step. The system features a mechanical brush unit that gently washes, disinfects, stimulates and dries all in one visit to the cow. Cows receive superior stimulation and a consistent prep procedure, no matter who is milking. Dairy producers can potentially reduce labor costs and can certainly reduce operating costs by eliminating towels and laundry.

Milking is made easy with the FutureCow® Prep System

Streamlined and consistent cow prep — allows for a more efficient parlor and greater parlor labor productivity—even increasing the number of cows milked per hour. Consistent prep procedures optimize the milking process and oftentimes aid in increasing production.

Superior udder stimulation — can increase milk flow rates and decrease milking times, further improving parlor throughput. Faster milking times also benefits teat condition.

Improved teat health and milk quality — the durable, yet soft, multi-layered brushes accommodate all teat lengths and ensure teat-ends are properly cleaned before the milking unit is applied.

Fixed cost for pre-milking prep — flat rate per cow pricing provides consistent and easily managed cost.

A system for all herd sizes — whether you milk 50, 500, or 5,000 cows or more, there is a FutureCow® Prep System to accommodate any herd size.

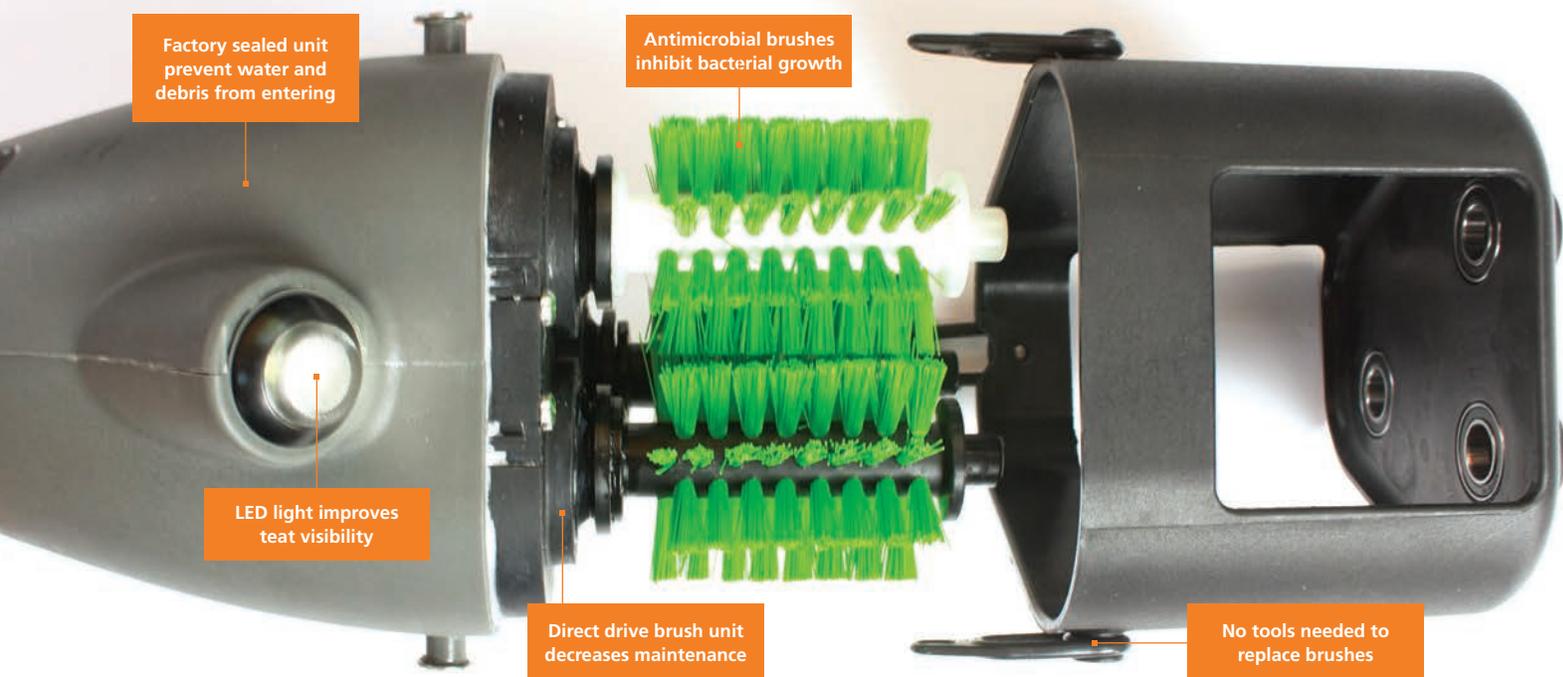
Installed and supported by GEA dealers — a professional network with unsurpassed dairy equipment experience available 24/7.





FutureCow® Prep System — A Brush with Greatness

No other system compares to the ingenuity and quality found in the FutureCow® Prep System.



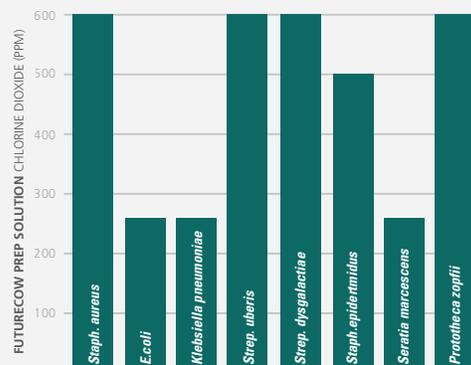
New ergonomic handle for a more comfortable grip



Bi-layer teat end brushes clean and stimulate teats of any length



Proprietary chlorine dioxide solution is proven to reduce mastitis causing organisms



FUTURECOW® PREP SOLUTION EFFICACY

FutureCow® Prep Solution provides a complete kill against all major mastitis causing organisms. Your GEA dealer will calibrate your FutureCow system to the appropriate level of chlorine dioxide.



FutureCow® Prep System benefits cows, employees and the dairy's bottom line.



Benefits for your cows

- Improves teat-end health
- Results in cleaner, healthier teats less prone to mastitis
- Maximizes udder stimulation; improves milk flow rates

Benefits for employees

- Lightest brush on the market and ergonomically more pleasant than traditional udder prep methods
- Easier on hands and back
- Reduces footsteps in herringbone and parallel parlors
- Eases training for new milking operators and builds confidence in performance of existing employees
- Reduces labor needed for cow prep and simplifies pre-milking procedures into one, easy step

Benefits to the dairy's bottom line

- Decreases milking times; increases the number of cows milked per hour
- Does away with the cost for towels, towel service, and laundry while also eliminating the need for maintaining laundry equipment
- Improves milk quality, often times reducing somatic cell counts
- Uses a chlorine dioxide solution to thoroughly clean each teat, reducing iodine usage
- Eliminates the delivery and storage of bulky, heavy totes of chemical on the dairy by blending a ready-to-use cleansing solution from concentrated ingredients
- Backed by GEA dealerships offering industry-leading equipment expertise and customer service to support your purchase

Success Stories



Ron Gibson, *Gibson's Green Acres*

The FutureCow® Prep System from GEA is doing exactly what Ron Gibson of Gibson's Green Acres wanted when he was searching for ways to improve milking consistency and udder prep on his Utah dairy. "With FutureCow every cow is prepped the same every time she comes in the barn," says Gibson, owner of this 1,250-cow herd. Plus, Gibson adds, "We are able to milk more cows in our existing parlor because it has made us more efficient."



Matt Berge, *Badger Pride*

Matt Berge chose the FutureCow® Prep System from GEA to improve teat health and cleanliness and improve consistency with milking prep procedures. "FutureCow has allowed us to achieve good teat end condition and consistent milk prep, regardless of who is doing the milking," says Berge of Badger Pride, a 770-cow dairy milking three times daily in a double eight parlor in Valders, Wis. "With FutureCow, we have consistently improved udder prep throughout every shift, every cow and every milker."



Joe Thome, *Redtail Ridge Dairy*

Joe Thome has seen great gains in labor efficiency since he switched to using the FutureCow® Prep System from GEA at Redtail Ridge Dairy near Malone, Wis. "It freed up one person in the parlor," says Thome, who milks 1,200 cows and maintains a somatic cell count of 90,000. "We even added 150 cows, and milking isn't taking any longer. FutureCow is definitely more efficient than using towels."



Braden Munk, *Munk Family Farms*

The FutureCow® Prep System from GEA has improved milking prep consistency on Munk Family Farms, an 800-cow herd in Amalga, Utah. Herd manager Braden Munk says this consistency has led to fewer cases of mastitis and a lower somatic cell count. "FutureCow is more consistent from employee to employee, shift to shift and cow to cow compared to dipping and wiping teats," Munk explains. "FutureCow takes the human deviation out of it."

How it Works

The FutureCow® Prep System consists of three independently operating components:

FutureCow Blending Device

Blends cleansing solution ingredients with water to create a ready-to-use product that cleans and disinfects the teats.

- The blending device pumps activator, base and water into the ready-to-use (RTU) tank to blend the product for use.
- The RTU tank refills automatically using a float to signal the controller when it is time to blend more solution and when the tank is full.

FutureCow Air-Operated Pump

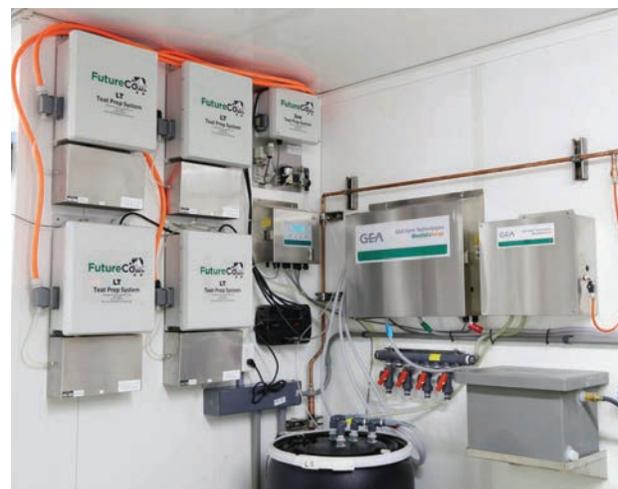
Delivers product from the blending system to the FutureCow Control and Brush Unit.

- Located in the equipment room, the air-operated pump draws solution from the RTU tank and pumps it to each control.

FutureCow Control and Brush Unit

Controls the dispensing and use of the solution.

- The brush units are mounted to a cable in the parlor, allowing the unit to move from cow to cow. The operator pulls a trigger to start the rotating brushes and dispense solution. The operator cleans each teat then releases the trigger, to stop the flow of solution.
- The brushes continue rotating to wick moisture away from the teats. The operator then moves to the next cow and repeats the process. Your GEA dealer will discuss your parlor efficiency goals and customize the brush timing accordingly.
- The brush unit is connected to the control in the chemical room which delivers power and solution to the brush unit. Motor sensors protect the system from unexpected challenges, such as tails getting caught in the brushes.



FutureCow Prep System install for a herd of 4,000 cows.

More from FutureCow®

Contact your GEA dealer to learn more about the other FutureCow products available for herds of any size with specific management goals:

FutureCow® Prep System LT and DT models — can be installed on dairies of any size; LT model powers one single brush unit, while DT model powers two brush units with one box.

FutureCow® Prep System 2 AM — recommended for dairies with less than 300 cows or as a back-up system for larger herds.

FutureCow® Prep System Mobile Cart — best for herds milking less than 200 cows in stanchion barns or swing over parlors.

FutureCow® Prep System DairyAir® Brush Unit — high pressure jet of air aids the drying action of the brushes to shorten prep time even more.

FutureCow® Rotary Blower — Heavy duty blower eliminates the need for wiping and towels on rotary installations.



We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 index.

GEA

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