



# FUTURECOW PREP SYSTEM

The most consistent cow prep for any herd size



**More consistent milking  
with FutureCow**

Cows receive superior stimulation  
and a consistent prep procedure,  
no matter who is milking.

# MULTIPLE PRE-MILKING PROCEDURES IN ONE EASY STEP.

The FutureCow Prep System features a mechanical brush unit that gently washes, disinfects, stimulates and dries all in one visit to the cow.

Dairy producers can potentially reduce labor costs and can certainly reduce operating costs by eliminating towels and laundry.

#### **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 and milk quality.

#### **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.

#### **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.

# A BRUSH WITH GREATNESS.

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



**1 Design eliminates drive shaft and casing, completely seals and integrates.**

Maintenance issues are a problem of the past.

**2 LED light illuminates udder.**

Easier line of site to the teats.

**3 Motor location in the handle.**

Sleek, more comfortable grip for milker handling.

**4 Antimicrobial brushes.**

Reduce contamination between milkings.

**5 Design requires no tools to access brushes.**

Quick release tabs allow faster and easier brush changes and save you valuable time.

**6 Patented bi-layer teat end brush.**

Accommodates and cleans teat ends of varying lengths.

**7 Ergonomic handle evenly distributes weight; lightest brush on the market.**

Sleek, more comfortable grip for milker handling.

**8 Custom length scrubbers available, and DairyArt capable upon request.**

Customize the scrubber to accommodate the unique needs of your parlor.

New guard stops solution from dripping back on operator.



LED light improves teat visibility.



Proprietary chlorine dioxide solution helps to reduce mastitis causing organisms.





**Video**  
How to use the  
FutureCow Prep System.

# HOW IT WORKS.

The FutureCow Prep System consists of three independently operating components:

## 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.
- Alarm light will activate if solution is not properly mixed indicating attention is needed.

## 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.

## Control and Brush Unit

Controls the dispensing and use of the solution.

- The brush units are mounted to a cable (or drag line) 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 and your cows from unexpected challenges, such as tails getting caught in the brushes.



No drive shaft means less maintenance for dairy and dealer.



Heavy Duty (HD) brushes available for increased soil loads.



**FutureCow Prep System**  
**benefits everyone**  
Discover all the reasons why  
incorporating.



# BENEFITS FOR COWS, EMPLOYEES AND THE DAIRY'S BOTTOM LINE.

## Benefits for your cows

- Each cow gets the same good pre-cleaning and stimulation
- Improves teat-end health
- Results in cleaner, healthier teats less prone to mastitis
- Maximizes udder stimulation; improves milk flow rates

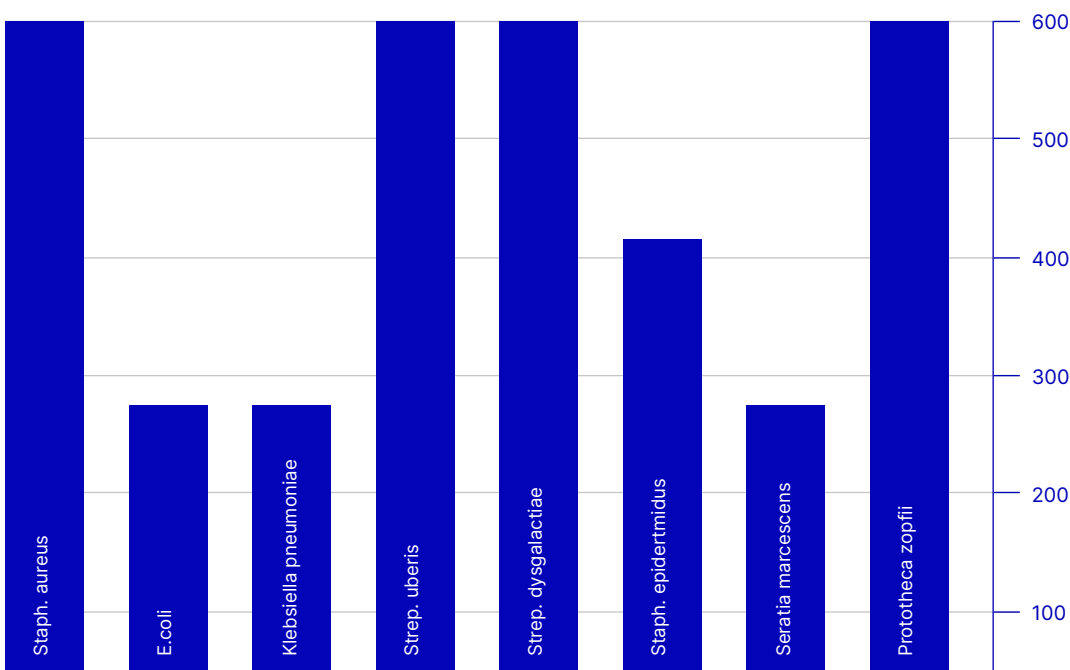
## Benefits for employees

- 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

- Direct drive brush unit requires less maintenance
- 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
- Patented process with specialized chlorine dioxide solution thoroughly cleans 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

## FutureCow Prep Solution Efficiency



**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. It is important that the pH of the solution stays between 2.5 – 3.



The FutureCow chemistry



**Consistency and labor efficiency**  
These are the keys to FutureCow  
Prep System success stories.

# SUCCESS STORY.

**Joe Thome**  
**Redtail Ridge Dairy**  
**Malone, Wisconsin, US**

Joe Thome has seen great gains in labor efficiency since he switched to using the FutureCow Prep System from GEA at Redtail Ridge Dairy. "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."



# EASILY INTEGRATES INTO YOUR PREP ROUTINE.

Create efficiency for the operator and the cow while eliminating the use of towels for drying.

## Parlor prep routine

- Pass 1**
- Strip to check for mastitis
  - Use FutureCow brush to clean, disinfect and stimulate & dry
- Pass 2**
- Attach and align

**Goal is to maintain 90 - 120 seconds of lag time.**

## Compatible with any parlor type

The FutureCow Prep System can be installed alongside any brand of milking equipment.

- Rotary
- Parallel
- Herringbone
- Tandem
- Swing over



**Poster**  
Milking procedures using the  
FutureCow Prep System.



Parallel



Rotary



**Video**  
How to change  
the brushes.

# MODELS AND OPTIONS.

## Models

### FutureCow Prep System Pro 2X

### FutureCow Prep System Pro 3X

Can be installed on dairies of any size; the Pro 2X model power two brush units with one box. The Pro 3X model power 3 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.

## Options

### Parking bracket for Dragline

Provide versatility for installations where nothing can be installed over head or in swing parlors.

### Counter balance

To retain the teat scrubber.



Zip line



Teat scrubber



Parking cradle



Counter balance



2 AM Control box



Pro 2X Control box



Dragline

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