



NORTHERN

DAIRY EQUIPMENT LTD

Innovative solutions & dairy services



SANICLEANSE LITE SCRUBBER SYSTEM

Save water. Save money. Save time.

Improve results.

Sold in
73 COUNTRIES

Cows prepped everyday
3,200,000

INNOVATIVE SOLUTIONS & DAIRY SERVICES

As an innovative company, **Northern Dairy Equipment** strives to succeed in delivering the benefits of their market-leading systems to the dairy farmer.



Northern Dairy Equipment focuses on providing an excellent quality of service by believing in the importance of establishing and maintaining a strong relationship with you, our customers.

Since 2005, we've designed and developed all our products with cow comfort and clean milk production in mind, providing innovative systems that enable the modern dairy farmer to achieve maximum output, improve herd health and improve day-to-day running of the farm.

All of our products are manufactured to last, providing a reliable and cost-effective system that the farmer can use day in, day out to help save time and money.

Our equipment was professionally installed with an excellent after-sales service. Sanicleanse has improved teat conditions and we are now milking cows faster.

Phil Davies

Ludchurch Farms Ltd
60 point Dairymaster parlour
1500 cows

The TeatScrubber has sped our rotary up which has meant more cows per hour. Great results achieved with low Bactoscan, SCC and low mastitis cases. Teat condition has improved dramatically and cows are now easier to prep prior to milking.

Tom Ayrton

Bambers Farm Ltd
50 Point Rotary Parlour
600 cows

FIND OUT MORE AT DAIRY-EQUIPMENT.CO.UK



SANICLEANSE LITE SCRUBBER SYSTEM

The Teat Sanicleanse Lite scrubber system ensures a crucial part of the milking routine is carried out consistently and efficiently.

The Teat Sanicleanse Lite system is our electric powered teat scrubber, utilising a small lightweight motor housed in the handle. The motor is powered by 24V DC supplied from the control unit.

The Teat Sanicleanse Lite system is designed for herds ranging up to 400 cows.

SAVE WATER

The system uses no more than 100ml of water and sanitiser mixture per cow.

SAVE TIME & LABOUR

The sanitiser is already in the brush, so no pre-milking sanitiser is required.

FASTER MILKING TIMES

Through stimulation of the scrubber, your cows will start to milk out faster.

SAVE TOWELS

Wash, sanitise, stimulate and dry with the teat scrubber - no towels are required.



We have installed the Sanicleanse system on all our 6 farms to enhance our milking routine. We see faster milking times and consistency within our milking-prep whilst achieving great results, our workers love using the system.

Richard & Robert Bowdler

6 Farms Across Shropshire

Range of Parlours

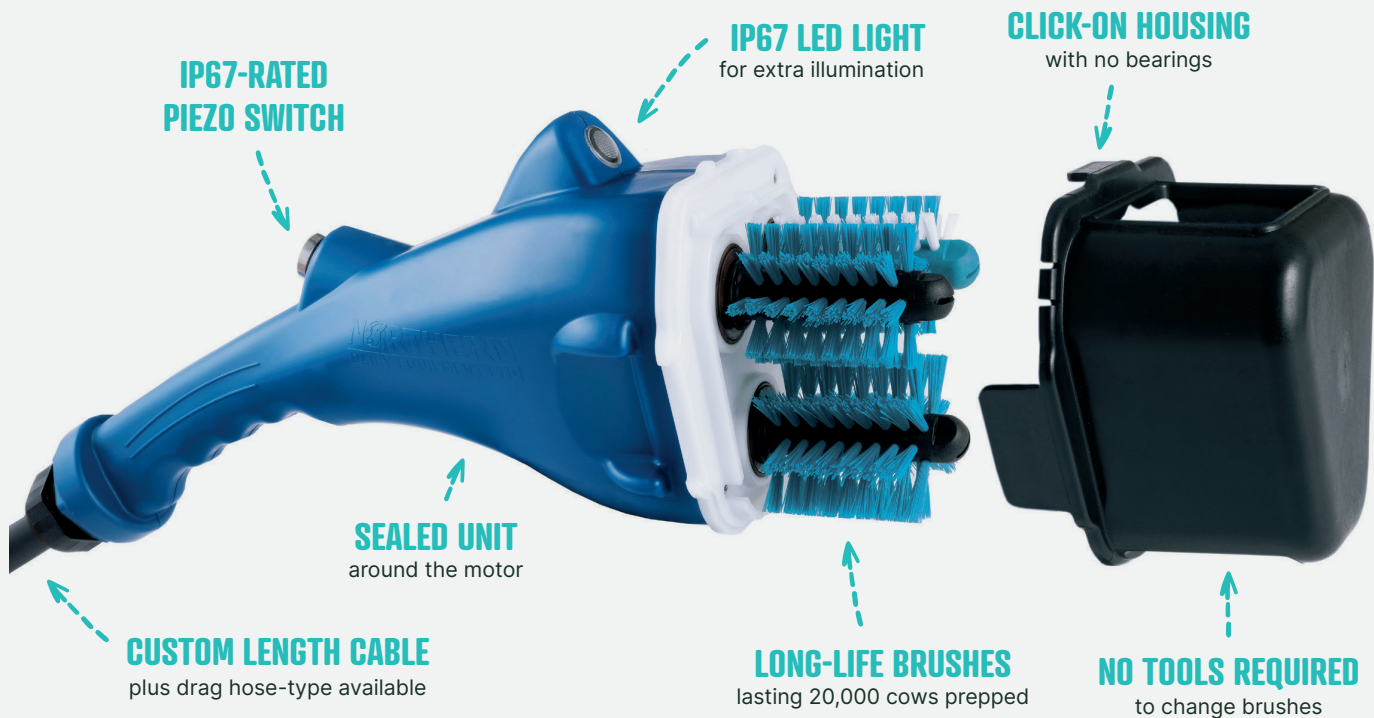
6000+ cows per day

THE LIGHTEST UNIT ON THE MARKET

The system has three rotating brushes, which wash and sanitise all sides of the cow's teat.

The upper two brushes are counter-rotating, which wash, sanitise and massage the external surface of the teats and the base of the udder.

At the same time, the third larger brush completes the same operation at the teat end.



“The teat scrubber has helped us achieved a consistent prep routine and reduced our milking times. Great service and support from the team at Northern Dairy Equipment.”

William Fox

50 point rotary parlour
270 cows

THE HAND UNIT

- ✓ Pneumatic motor or 24V DC motor
- ✓ AirPrep blows air around teat during drying phase
- ✓ Lightest hand unit available on the market
- ✓ Fully sealed gears
- ✓ Sealed stainless steel piezo switch
- ✓ Ergonomic & robust
- ✓ Customised hand unit length
- ✓ Waterproof, heavy-duty polypropylene
- ✓ High-quality, chemical-resistant bearings
- ✓ Easy to maintain

THE BRUSHES

- ✓ Choice of standard or heavy duty
- ✓ Heavy duty ideal for soiled cows and cows that bed on sand.

BUILD YOUR SYSTEM

THE SYSTEM COMES COMPLETE WITH:

- Control unit
- Water prep unit
- Hand unit
- Installation kit
- Tubing kit

ADDITIONAL OPTIONS:

- + Water heater
- + Dosing pump
- + Spring balancer kit
- + Spare hand unit
- + AirPrep



HOW IT WORKS

Wash, sanitise and dry in no time, every time!

Keeps the cows happy and calm

PHASE 1

Warm water chemical mix loosens any dirt and massages the teat to stimulate milk let-down, while killing bacteria on the teat.

PHASE 2

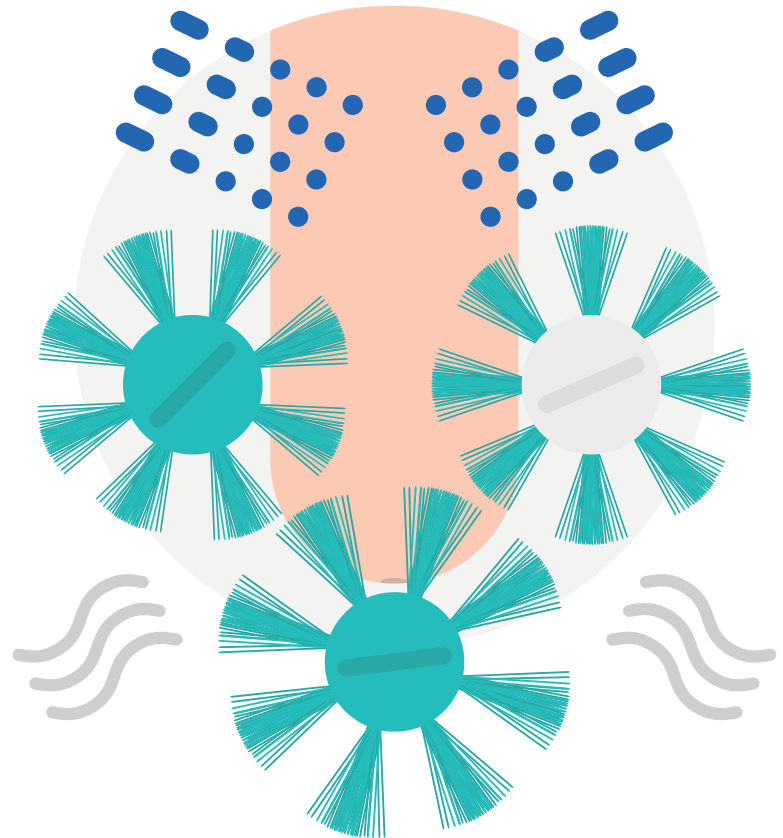
The two top brushes clean and sanitise the total area of the teat, controlling environmental pathogens, while also stimulating for a faster let-down.

PHASE 3

The larger brush focuses on cleaning and sanitising the orifice of the teat canal, with a triple-action biocide.

PHASE 4

Brushes spin without liquid to dry the teat. Optional AirPrep blows air around the teat to improve efficiency of drying period.



SANITISERS

Effective against infections such as:

- *Staphylococcus aureus*
- *Streptococcus uberis*
- *Escherichia coli*
- *Candida albicans*

Our uniquely formulated, high-quality sanitiser concentrates are specifically manufactured to work with the Teat Sanicleanse Lite system.

Our complex sanitiser disinfectants are high detergent blended products containing special oils and high emollient, along with a combination of biocides to kill mastitis-causing pathogens and improve teat condition.

In addition to reducing the spread of mastitis-causing organisms, low bactoscans and somatic cell counts have been widely achieved, making this system the best available on the market for the hygienic preparation of teats prior to milking.

CALL US ON +44 (0)1772 739403

HEALTHIER COWS = HEALTHIER PROFIT

TARGET MASTITIS, BACTOSCAPS AND LOWER YOUR SCCS

From first use of the system, the evidence of its benefits can be immediately identified in the cleanliness of the milk filter at the end of your milking.

The three brushes target all sides of the teat, ensuring a complete cleaning procedure is carried out. Cross-contamination between cows is eliminated as the brush is automatically sanitised between each teat and each cow.

EXTREME RELIABILITY & LONG-LASTING BRUSHES

Our teat scrubber has proven to be the most reliable unit on the market, with up to 1.5 million cows prepped before a quick service on the gear unit is required.

There are no costly hand unit replacements and there's no need to purchase a new hand unit when you can replace any part individually.

Unique to Sanicleanse are the angled bristles that last longer and ensure the most efficient cleaning and stimulation of the teat.

SAVE TIME & MONEY

An efficient pre-milking routine is essential in any dairy farm. By providing a consistent pre-milking routine, the robust system ensures all the cows are prepped equally and efficiently, and with the stimulation and cleaning the system provides, users are able to milk more cows per hour.

By replacing the traditional pre-milking routine (usually involving paper towels and medicated wipes), this system eliminates waste, allowing for savings to be made in cost and in time.

IMPROVED TEAT CONDITION & HERD HEALTH

The one-visit preparation system, with warm water and teat condition chemicals, improves the condition of the teat and the base of the udder.

Reducing the time it takes to milk has also been proven to enhance teat health.

By eliminating cross-contamination, dairy farmers have reported marked improvements in herd health on a wider scale.

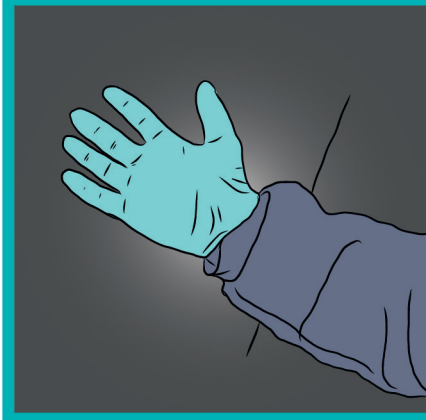
The 10 Step Milking Procedure Guide Using The Sanicleanse Lite Scrubber System

1 Cows Enter Parlour



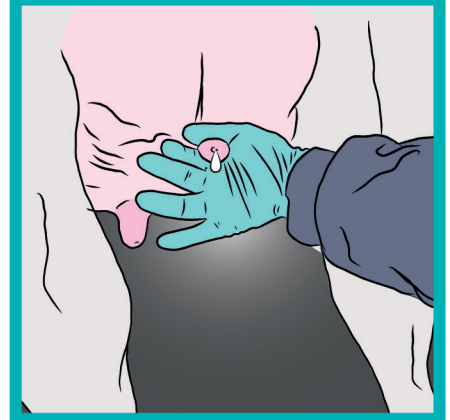
The cows will enter milking parlour to be prepped and milked. Milking parlour should be a peaceful quiet environment for the cows.

2 Operator Hygiene



User must follow strict hygiene protocols and wear milking gloves to check for cows that have been treated, have swollen teats or teat damage. Ensure hand are cleaned as often as possible.

3 Fore-Stripping



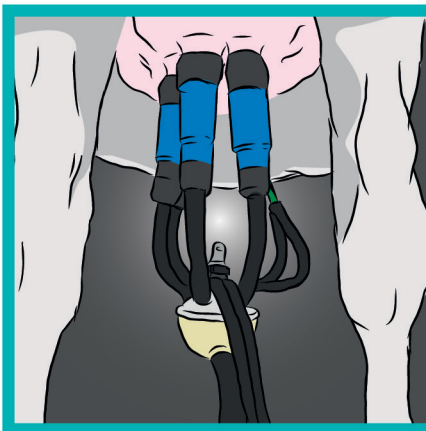
User should gently forestrip the cow to remove the first drops of milk. The most obvious symptoms of clinical **mastitis** in the udder are swelling, heat, hardness, redness or pain. Milk takes on a watery appearance, flakes, clots or pus is often present.

6 Stimulation & Milk Let Down



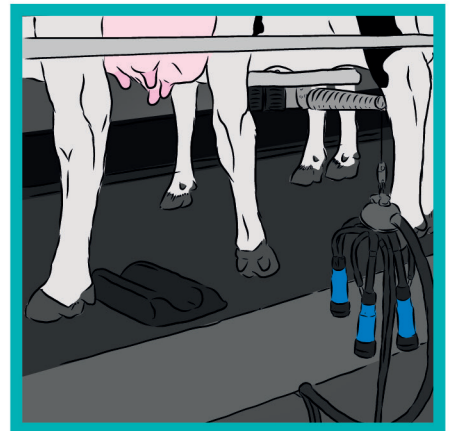
Attached unit 90 to 120 seconds after prep procedure has been started with the TeatScrubber. Allow unit to hang directly below udder.

7 Attachment & Alignment



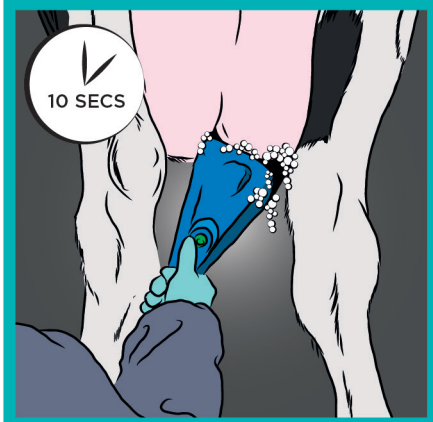
Correct any slippage of liner during milking. Monitor milking process.

8 End Of Milking



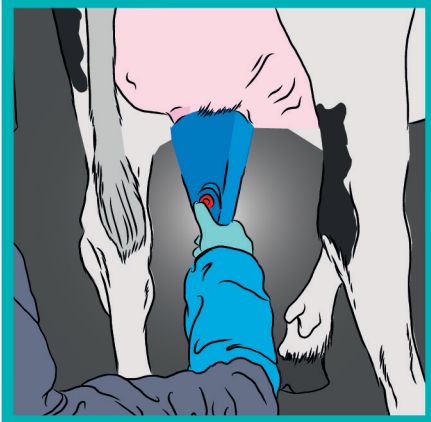
Once finished allow automatic cluster remover (ACR) to remove the unit or if not installed be sure vacuum is off before removing unit.

4 Teat Cleaning



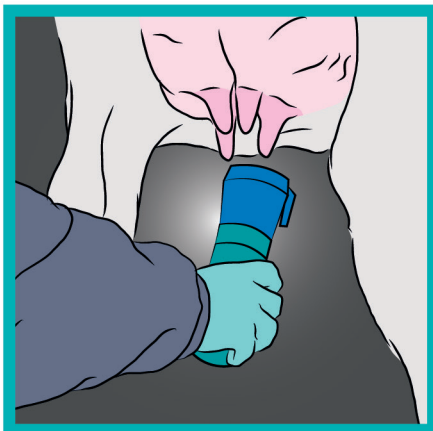
Using the Sanicleanse TeatScrubber press the switch to green to start the brushes and hot water disinfectant mix. Start on the furthest teat and end on the closest. Move brush up and down on the each teat until teat is completely clean.

5 Teat Drying



Once you have washed the teats you now press switch back to red or leave if in 'auto' mode and the hot water disinfectant mix will stop and the brushes will spin and if using AirPrep will start to blow air across the brushes. Again starting on front teats and ending on back teats pass around the 4 teats to dry them.

9 Post Milking



Using a spray or dip solution thoroughly ensure teats are covered in product before cow leaves parlour.

10 TeatScrubber Clean



After each line of cows (maximum 20) using a spray gun with water wash the top of the unit and spray around the brushes to remove any excess dirt or debris. Spray of the milking units and the deck before more cows enter. Wash hands often.

CHECK LIST

- ✓ Stenner dosing pump requires tube changing regularly.
Up to 500 cows - every 2 months
Above 500 cows - every month
- ✓ Brushes last 15,000 cows maximum - remember to change brushes at this point and **NO** later.
- ✓ Ensure cows tails are trimmed to avoid them being caught in the teat scrubber
- ✓ Check pumps are not air locked after changing barrels - always good to switch water off and activate a brush to bleed the pumps through after you have changed barrels of sanitiser.
- ✓ Check water pressure regularly - the water jet on the brushes should be reaching across the length of the brush meaning plenty of water through the brush. If no water or less phone an engineer as soon as possible.
- ✓ Water heater is set as standard at 65 degrees Celsius, if water feels hotter or colder then please check thermostat in water heater tank.
- ✓ Water jet on the brushes should be reaching across the length of the brush meaning plenty of water through the brush. If no water or less phone an engineer as soon as possible.
- ✓ Water heater is set as standard at 65 degrees Celsius, if water feels hotter or colder then please check thermostat in water heater tank.



“The Sanicleanse system has enabled us to save time and money while achieving low bactoscans, somatic cell counts and reduction in mastitis cases.”

Harrison Pickervance - H&C Pickervance
Milfoss 60 point rotary parlour (600 cows)

“A huge increase in teat condition has been achieved. Teats are cleaner and we are now achieving lower somatic cell counts. Time has been knocked off our milking times and my staff would certainly not want to be without this product.”

Giles Clark
24/48 herringbone parlour (390 cows)

**CONTACT US FOR MORE INFORMATION
OR TO ARRANGE AN ON FARM CONSULTATION**

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