Northern Dairy Equipment was incorporated in 2006 and was developed from the parent company Northern Dairy Supplies Ltd which had been trading since 1989.

Northern Dairy Equipment focuses on providing an excellent quality of service and believes in the importance of establishing and maintaining a strong relationship with our customers. By investing the time to listen to our customer’s requirements, we are able to ensure an outstanding service is carried out to exceed the customer’s expectations.

We have designed the Teat Sanicleanse system with cow comfort and clean milk production in mind. The durable, yet soft brushes in conjunction with the sanitiser efficiently remove dirt while providing a fast stimulation. The speed of the brushes has been researched and tested for maximum milk let down.

We strive to succeed in providing innovative systems and products that enable the modern dairy farmer to achieve maximum output, improve herd health and improve day to day running of the farm.

As an innovative company Northern Dairy Equipment strive to succeed in delivering the benefits of their market leading systems to the dairy farmer.
The Teat Sanicleanse system is the award-winning product that is helping dairy farmers around the world improve the health of their herds, speed up milking times and improve stimulation of the cow. This advanced prep system means no other milking prep routine comes close to delivering the benefits the Teat Sanicleanse system can achieve.

The system ensures the user to carry out the one visit prep. Cows are washed, sanitised, stimulated and dried all in one process meaning only one visit per cow. This in turn means time and cost savings can be made.
HOW IT WORKS

STEP ONE
It is essential in producing high quality milk, that your herd must be consistently cleaned and prepped before milking.

STEP TWO
The Teat Sanicleanse teat scrubber washes, sanitises, stimulates and dries in one easy process removing dirt, sand and other particles.

STEP THREE
The teat scrubber provides a faster milk let down thus speeding up the milking process. Improved milk quality and teat condition leads to a healthier cow herd.
THE BENEFITS THE SYSTEM CAN PROVIDE

1. TARGET MASTITIS, BACTOSCANS AND LOWER YOUR SCCS

From first use of the system the evidence of the products benefits can be immediately seen 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. With conventional prep methods ensuring the teat end and teat canal is clean and free from bacteria is one of the main challenges faced when preparing the teat. The larger bottom brush eradicates this concern as it cleans and scrubs the teat canal consistently on every teat.

Cross contamination between cows is eliminated because the brush is automatically sanitised between each teat and each cow. Improved cow health saves money, increases milk yield and saves time.

Many of our customers report back to confirm mastitis cases, bactoscans and somatic cell counts have lowered since using the Teat Sanicleanse system.

2. TIME SAVING

An efficient pre-milking routine is essential in any dairy farm.

Traditional pre-milking routines are not only time consuming and involve waste but can be prone to human error.

By providing a consistent pre-milking routine the robust system ensures all the cows are prepped equally and efficiently.

In many cases where the system has been installed we find that it allows the dairy farmer to speed up their pre-milking routine and with the stimulation and cleaning the system provides, they are able to milk more cows per hour.

With only one visit per cow when using the system substantial savings can be achieved.

3. SAVE MONEY on your farm

The Teat Sanicleanse system is a must-have for modern dairy farmers looking to increase efficiency and profitability.

By eliminating the traditional pre-milking routine such as paper towels, medicated wipes etc. savings can be achieved.
The system produces no waste so again cost and time savings can be achieved.

By replacing your routine with the Teat Sanicleanse system you are able to keep your cows healthier and the consistency provided by the Teat Sanicleanse system means that you can be confident knowing that each cow has been prepped to the highest standard.

4. **COMPATIBLE** with your milking system

The Teat Sanicleanse system can be installed in any type of milking parlour.

Our engineers have experience of installing the system across all parlour types, makes and configurations and layouts including Herringbone, Swing-over, Rapid Exit, Rotary External/Internal, Abreast and Tandem parlours.

The installation is carried out in between milkings, which avoids any disruption on the dairy farm. Immediately after the installation is carried out the system can be used and the benefits can be seen.

5. **STIMULATION** - the essential part of the pre-milking routine

Each cow is prepared equally, every time and the large teat end brush accommodates for all teat sizes including short heifer teats.

The warm water brush massage provides a fast stimulation to produce oxytocin, providing quick milk let down to help save time and speed up the milking process. At the same time the pre-sanitising of each teat by the rotating brushes eliminates the first drops of milk, helping to reduce a broad spectrum of bacteria.

Improving the pre-milking routine ensures there is no delay in which the clusters are attached to the cow. With cow numbers increasing and pressure rising
on the modern dairy farm it is essential to provide the herd with the best teat preparation available.

6. CROSS CONTAMINATION

Cross contamination is eliminated from teat to teat which controls the spread of infection compared to other traditional sanitising products. The system uses sanitisers with an instant kill rate so there is no need to leave product on the teat to activate as you would with a traditional pre-milking routine.

Application of the sanitiser is governed by a peristaltic pump that can be set at various dilution rates to suit individual requirements.

7. ERGONOMIC and durable hand unit

The plastic parts of the hand unit are manufactured from superior grade materials making the hand unit robust to withstand day to day use in the milking parlour.

With an innovative sealed gear unit system and a long life stainless steel piezo switch it means the system requires minimal maintenance.

8. HYGIENIC

Clean and healthier cows are less prone to mastitis. With eradicating the need to ‘touch’ the teats, it means cow health is increased and operators hands remain clean and free from bacteria. The Teat Sanicleanse system enables a complete hygiene upgrade within the milking parlour.

9. DRYING PROCEDURE

The Teat Sanicleanse system has a drying function built in. The drying time can be altered to suit individual requirements. Once the sanitiser and water mix has been stopped the brushes carry on spinning to remove any excess drips away from the teat.
The Teat Sanicleanse system ensures a crucial part of the milking routine is carried out consistently and efficiently. Removing human error and protecting the cow from disease and saving time are all things that will be achieved when using the system.

The system has three rotating brushes, which wash and sanitise all sides of the cows 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 whole system is manually operated moving from cow to cow on a stainless steel wire and pulley system installed above head height full length of the parlour.

WASH, SANITISE AND DRY IN QUICK TIME, EVERY TIME!
FASTER, CLEANER TEAT PREPARATION FOR YOUR HERD

**Brushes clean and sanitise the total area of the teat, controlling environmental pathogens.**

**Rotating brushes stimulate to give a fast milk let down.**

**The larger brush cleans and sanitises the orifice of the teat canal with a triple action biocide.**

**The skin is moisturised and stays healthy.**

Warm water massage loosens dirt and stimulates milk let down.

www.dairy-equipment.co.uk
To achieve maximum benefits from your Teat Sanicleanse system, Northern Dairy Equipment recommends the use of our specifically formulated high quality sanitiser concentrates.

**SANICLEANSE SANITISER FOR TRUE PERFORMANCE**

Teats not correctly prepared can easily allow bacteria to be brought into the system, which maybe difficult to control once established.

Northern Dairy Equipment is the sole manufacturer of the Sanicleanse sanitiser. The product is uniquely formulated with a range of biocides for use with our unique technology. This product has been specifically manufactured to work with the Teat Sanicleanse system to achieve the real benefits of the system.

Sanicleanse sanitiser is a complexed disinfectant and high detergent blended product containing special oils to ensure teat condition is maintained and improved further. The product is rapidly effective against a range of potential infections such as:

- Staphylococcus aureus
- Streptococcus uberis
- Escherichia coli
- Candida albicans
The sanicleanse sanitiser is enriched with skin softening and moisturising emollients to provide a healthy teat skin condition.

Oils that are absorbed between milkings are readily replaced by the sanitiser used through the Teat Sanicleanse system.

The unique triple action biocides of cleaning, foaming and sanitizing disinfectants that are contained in the product have been tried and tested in various conditions and have resulted in the combination of a broad spectrum of biocide sanitisers, lactic acid and surfactants, providing a comprehensive bacteria kill.

Low bactoscans and somatic cell counts have been widely achieved and also a reduction in the spread of mastitis causing organisms by providing the most hygienic preparation of teats before milking.

The Teat Sanicleanse system also injects a high strength disinfectant product - which is injected at the latest point to ensure the product is used fresh. This sanitiser aids in eliminating cross contamination and controlling potential infections. This disinfectant combined with the Sanicleanse has been tried and tested and has shown to be another great benefit in eliminating contamination from teat to teat.

Using the correct sanitisers through the Teat Sanicleanse system is essential to achieve the great benefits of the system, alongside protecting your investment.

Both sanitisers are bio-degradable and are manufactured specifically so that no damage is caused to the internal parts of the equipment.

Further details are available on request.
Our customers have their say........

With systems installed across the country we can arrange without obligation or prejudice farmer to farmer contacts and personal visits to view installations and discuss the full benefits of the Teat Sanicleanse system first hand with the farmers who are already enjoying using the system.

Milk producers using our proven pre-milking routine combined with the specialist sanitiser can expect to see milk yields increase by 450kgs per cow adding approximately £115 per cow to the annual milk cheque.

"We maintain good hygiene standards with the teat scrubber as each individual teat is prepped with the sanitisers to help eliminate cross contamination."

David Coulthurst - N.W.J.M.D. & B. Coulthurst, Lancashire. De-Laval 50 point rotary parlor. 600 cows. 3x milking.

"Our cows teats are kept extra clean and in very good condition along with obtaining good hygiene and very low cell counts."

Our cows are bedded on sand so there is usually sand residues on the teats but this system makes it easy to remove cleaning the teats effectively and consistently.

Dave Craven – Dairy Operational Manager – Grosvenor Farms Ltd. Cheshire. 60 point Boumatic rotary parlor. 1100 cows. 3X milking.

“...We have knocked 20 minutes off each milking time due to better milk let-down, a faster milking routine along with reducing mastitis cases down to only 20 in the last nine months.”

Andrew and Bill Higgins – Wilderley Hall Farms Ltd. Shropshire. 40 Point De-Laval herringbone parlor. 420 cows. 3X milking. Awards: Gold Cup Winner 2013

“The system is one of our best investments and is helping us to achieve a very low amount of mastitis cases. Would not want to be without this system.”


“A great system that is helping us achieve excellent results, teats are cleaner and any sand is easily removed from the teats using the scrubber.”

Neil Baker – Kingston Farms Ltd. Somerset. 60 point Waikato rotary parlor. 1900 cows. 3X milking. Awards: Gold Cup Winner 2015

Low cell counts, low bactoscans, faster milking, and a healthy herd using the pre-milking teat scrubber.


“...Our cows are bedded on sand so there is usually sand residues on the teats but this system makes it easy to remove cleaning the teats effectively and consistently.”

Marcus Marsh – Marsh Farms. Shropshire. 36 point Fulwood parlor. 300 cows. 2X milking.

“The system is very easy and low cost to maintain and provides a consistent teat prep in our herd.”
Your pre-milking routine is essential as it is at the forefront for controlling bacteria and providing a consistent and efficient milking routine. Our system is like any other equipment operating in harsh and demanding conditions. Therefore maintenance and servicing is recommended to keep everything in the best working condition.

Our engineers are available to carry out on farm any maintenance or servicing the system requires. They carry a complete range of spares and are also able to offer on farm advice and deliveries of the sanitisers.

Alternatively we offer a ‘collect & send’ service on the hand units which is carried out in a fast time, meaning minimal fuss and delay. The hand unit is returned fully serviced ready to carry on prepping your cows.

All parts of the Teat Sanicleanse system are manufactured in the UK and are made of robust materials to withstand everyday wear and tear. The whole system is manufactured to last and run smoothly providing a reliable and cost effective system that the farmer can use day in day out to help save time and achieve savings.

Here at Northern Dairy Equipment we are continually investing in research and development to improve our systems and supply the dairy farmer with a product that can provide so many benefits.
In 2012 the Royal Association of British Dairy Farmers (RABDF) presented Northern Dairy Equipment at the Livestock Event with its prestigious Machinery & Equipment Award for the most significant economic contribution to the livestock industry.

The Teat Sanicleanse system has an ever growing distributor network across the world and is currently exporting the system to over 15 countries through specially trained distributors who carry out installs and servicing.
CONTACT US NOW...

To discuss the system further and to find out pricing please get in contact with us.

Find out more...
Call +44 01772 739403
Visit www.dairy-equipment.co.uk
Email admin@dairyhygiene.co.uk
Or find us on

Innovative solutions & dairy services