



CLEANING AND SANITIZING WITH LELY

LELY OFFERS A WIDE ARRAY OF CLEANING PRODUCTS AND UDDER CARE SOLUTIONS THAT WERE DEVELOPED SPECIFICALLY FOR THE LELY ASTRONAUT ROBOTIC MILKING SYSTEM.



CANADA USE ONLY



The Lely Way to Milk Quality and Udder Health

Hygiene and milk quality are vitally important factors of a dairy producer's operation. Consistent, proper cleaning of the Lely Astronaut robotic milking system is required to maintain high standards of hygiene. Lely Consumables are here to help you accomplish this.

Astri cleaning products were developed to ease the sterilization process of your milking robot. These products help dairy producers achieve the highest quality of milk possible, optimize herd health and support the technical reliability of your Lely robot.

Lely Consumables offers a carefully-selected range of udder care products for dairy producers who have turned to automation. These products were specifically designed for use with the Lely Astronaut robotic milking system, and allow for optimal udder care and disinfection. This process can be tailored to meet the specific needs of each dairy producer and their operation.

Just like with any other piece of equipment you own, appropriate maintenance is required for each Lely robot to ensure proper long-term performance. Lely North America provides highly-trained support to keep your robots up and running 24/7. We also offer products that keep both your robot's exterior and interior clean as well as prevent excessive wear and tear to help ensure your robot's longevity.

Lely North America provides a fully automated cleaning program that includes consumables that were specially developed for the Lely Astronaut robotic milking system. Our team is here to help you achieve optimal cleaning results with your robot.

PRODUCT	DESCRIPTION	CATEGORY	SUB-CATEGORY
Astri-LIN	A liquid, non-chlorinated alkaline detergent that is specifically formulated for the Lely Astronaut robotic milking system.	CIP Solution	Alkaline
Astri Kleen	A premium liquid, chlorinated alkaline with a unique chlorine stable surfactant. This product is specifically formulated for cleaning automated calf feeders and main tank milk handling equipment.	CIP Solution	Alkaline
Astri-B	An exterior-foaming liquid alkaline detergent with complexing agents that help to remove small residues of lime, iron and urine. Use of this product results in a clean and bright surface.	COP Solution	Alkaline
Astri-CID	A liquid acid detergent that is specially formulated for the Lely Astronaut robotic milking system.	CIP Solution	Acid
Astri-L	A liquid brush detergent that was specially developed for the Lely Astronaut robotic milking system. This contains a combination of hydrogen peroxide (a bacteria-killing oxidizer), peracetic acid (to lower the pH and activate the peroxide for a more robust kill) and LAS (a germicidal surfactant).	COP Solution	Brush detergent
Teat Kleen	A non-iodine formulated, germicidal udder wash solution that is DIN approved and has excellent detergency. This is used to clean the brushes of the Lely Astronaut robotic milking system.	COP Solution	Udder wash
Astri IO-1000	A 10,000 PPM titratable iodine complex combined with multiple emollients that reduces the spread of organisms that may cause mastitis.	Animal Hygiene Solution	Iodine teat spray
Astri IO-250	A 2500 PPM titratable iodine complex combined with a dual skin conditioning system, that has proven effective in substantially reducing the rate of IMI (intra-mammary infections).	Animal Hygiene Solution	Iodine teat spray
Astri-UC	A peroxide-based teat spray that provides quick and broad germicidal activity after milking. This product has proven to reduce new udder quarter infections caused by Staphylococcus aureus.	Animal Hygiene Solution	Hydrogen peroxide based teat spray
Oxonia Active	Oxonia Active™ is a peroxyacetic acid for use in COP sanitizing in the dairy industry. Contains hydrogen peroxide (a bacteria-killing oxidizer) and peracetic acid (to lower the pH and activate the peroxide for a more robust kill).	COP Solutions	Sanitizer



The Lely Astronaut heat cleaning process

- Main cleaning cycle starts automatically every 8 hours to rapidly kill off microorganisms
- Heat cleaning process for quick and effective cleaning
- Flow-through cleaning system for more milking time

Astri products were designed to support optimal hygiene which is essential for a clean and safe milking process.

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*The way to dairy.*TM



Astri products are manufactured specifically for Lely robots by Ecolab, a world leader in sanitation and milk quality.