



CLEANING & SANITIZING WITH LELY

A RANGE OF SPECIALLY DEVELOPED CLEANING PRODUCTS
FOR THE LELY ASTRONAUT™



— *innovators in agriculture* —



Why should you clean your Astronaut with Astri products?

As a milk producer, hygiene and milk quality are of essential importance. This role of great responsibility in the food chain requires consistent, high levels of internal hygiene of milking robots. Lely Consumables is happy to be able to help you with this.

By choosing automated milking, you have chosen to lighten your load in the milking process, cleaning included. The specially developed Astri cleaning products help with that choice. These products help ensure the highest possible quality of milk, optimum animal health and the technical reliability of your milking robot.

The Lely Astronaut has a specially developed heat cleaning system. Combined with the use of the correct products, the robot is cleaned to the highest level of standards to ensure food safety, every time.

PRODUCT	DESCRIPTION	CATEGORY	SUB-CATEGORY
Astri-LIN	Formulated liquid alkaline detergent for the Lely Astronaut™ robotic milking system.	CIP Solutions	Alkaline
Astri-B	Formulated liquid alkaline foaming detergent for the Lely Astronaut™ robotic milking system.	CIP Solutions	Alkaline
Astri Kleen	Astri Kleen is a premium liquid, chlorinated detergent with a unique chlorine stable surfactant that is specially formulated for use in cleaning automated calf feeders and bulk milk handling equipment. This product is not for use as a hard surface disinfectant or sanitizer.	CIP Solutions	Alkaline
Astri-CID	Formulated liquid acid detergent for the Lely Astronaut™ robotic milking system.	CIP Solutions	Acid
Astri-L	Formulated liquid detergent for cleaning the brushes of the Lely Astronaut™ robotic milking system. Contains 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 Solutions	Brush Wash
Astri-L (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
Astri-IO	Astri-IO is a 5,000 ppm iodophor teat dip that contains a wetting agent and emollient to help ensure adequate coverage and maximum germicidal activity.	Animal Hygiene Solutions	Iodine Teat Dip
Astri-UC	A unique peroxide-based teat dip that provides fast, broad spectrum germicidal activity.	Animal Hygiene Solutions	Non-Iodine Teat Dip



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 help you achieve the best possible cleaning results.

