



Getinge Clean
Cleaning Chemistries
– The solution to your cleaning needs

Set the standard - for safety and performance

What does the word “clean” say to you? That your medical equipment is free from soil, such as blood, fat, pollutants or harmful microorganisms?

Good, but are you really sure that even beyond the naked eye, everything you wash, disinfect or sterilize is really clean? Using Getinge Clean guarantees that you don't have to worry anymore.

Our detergent range sets the standard for safety and performance in healthcare, pharmaceutical production and life science laboratory applications.

For over 100 years, Getinge has consistently delivered high-performance processing and sterility assurance products that always meet the most demanding industry standards and which can be trusted to consistently give a reliable result.

Getinge's range of detergents has been developed, tested and validated to consistently meet EN ISO 15883 standards for cleaning efficiency of goods commonly found in CSSD's, clinics and practices to protect users and patients.

When selecting any of the Getinge Clean products it is important to always follow the instrument manufacturer's recommendations and hospital protocols.



You have the challenge

We provide the solution



Increase efficiency in your workflow

We have products for every step of instrument reprocessing, beginning at the Operating Room. Following surgery, pre-treatment takes place to keep the soiled instruments moist. This is important to prevent damage from the instrument and make the cleaning process efficient.



Accurate and consistent results

Getinge can provide on the spot testing of key parameters to full laboratory analysis services. Based on information from these tests, Getinge can recommend any steps to be taken that ensure you achieve the best results possible from your washer-disinfectors and cleansing agents, increasing throughput whilst minimizing utility costs, and also leaving a cleaner footprint.



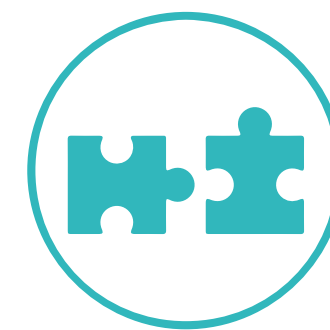
Reduce environmental impact

Getinge Clean is not only about cleaning instruments, it is also about having total control in how we affect our environment. All of our detergents are biodegradable and our packaging is recyclable.



Keep staff safe and productive

The range of Getinge Clean products are easy to use and the colors and symbols on them make it easy to learn when and where to use them. No more worrying about using the right product at the right time. You can rely on the results.



Wide material compatibility

Getinge Clean has a wide material compatibility including aluminum, titanium, non ferrous metals, matchchrome plated, stainless steel, glass, ceramics, rubber and plastic.

The healthcare cleaning and decontamination cycle

Effective cleaning is a multi-step process. Begin with pre-treatment agents before manual, automated, or ultrasonic cleaning, and then neutralize and/or rinse for a thorough clean. When the time, temperature, and required conditions are met, Getinge Clean ensures that your instruments are cleaned and ready for the next step in the instrument reprocessing workflow.

Pre-treatment

Getinge Clean Pre-treatment Foam

Manual Cleaning

Getinge Clean Enzymatic Plus
Getinge Clean Enzymatic
Getinge Clean Universal Detergent

Ultrasonic Cleaning

Getinge Clean Enzymatic Plus
Getinge Clean Enzymatic
Getinge Clean Universal Detergent

Automated Cleaning

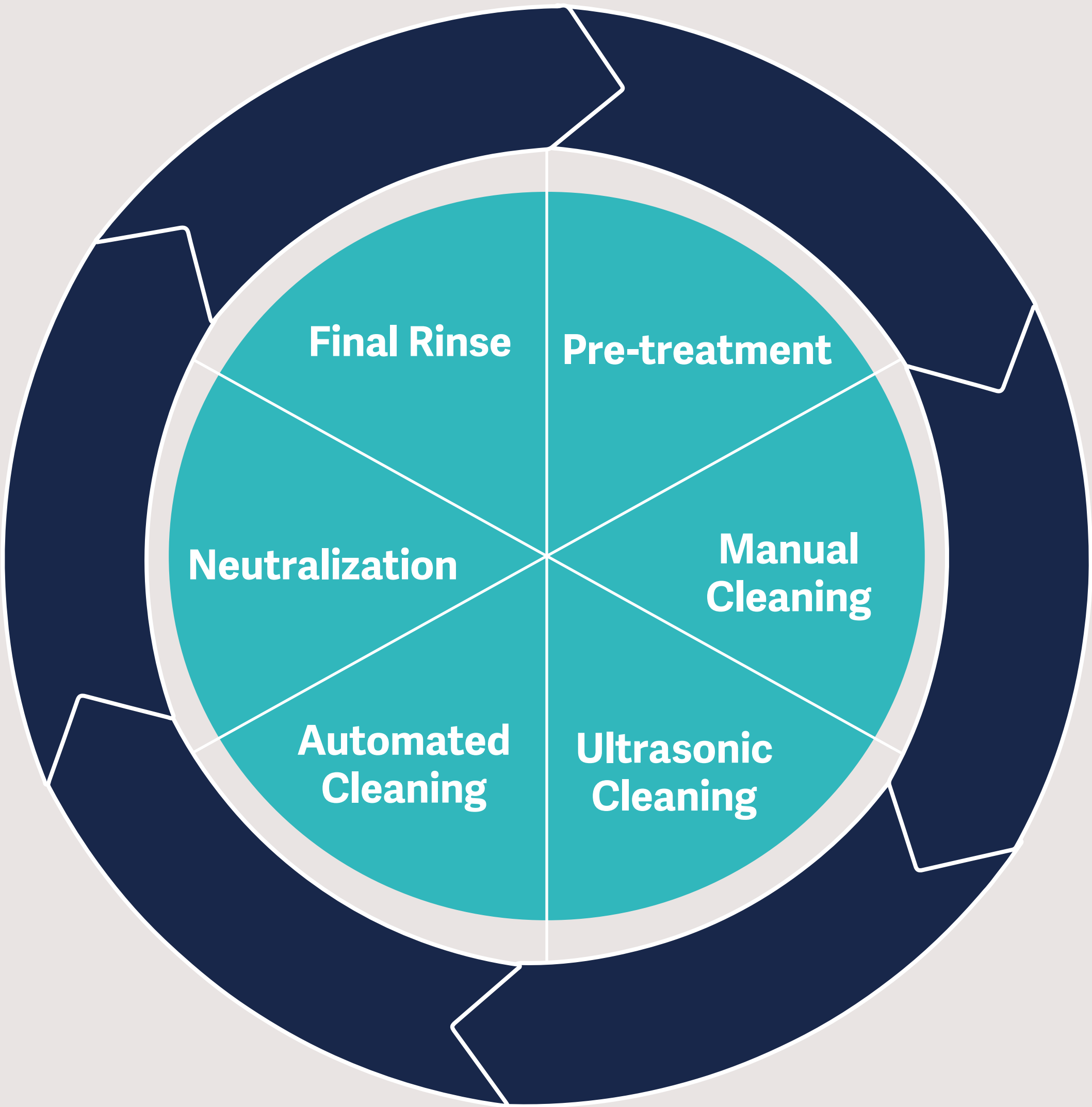
Getinge Clean Enzymatic Plus
Getinge Clean Enzymatic
Getinge Clean Universal Detergent
Getinge Clean Heavy Soil Detergent

Neutralization

Getinge Clean Neutralizer
Getinge Clean Neutralizer Plus

Final Rinse

Getinge Clean Lubricant Plus
Getinge Clean Rinse Aid



Application



Instruments

Suitable for instruments and any other compatible materials



All goods

Generally suitable for all goods



Robotic surgery instruments

Suitable for robotic surgery instruments and other compatible materials



Detergent



Rinse aid



Neutralizer



Maintenance

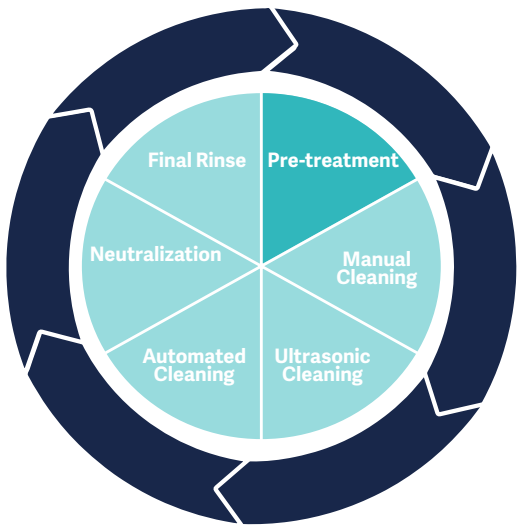


Instrument Lubricant



Pre-treatment foam

Pre-treatment

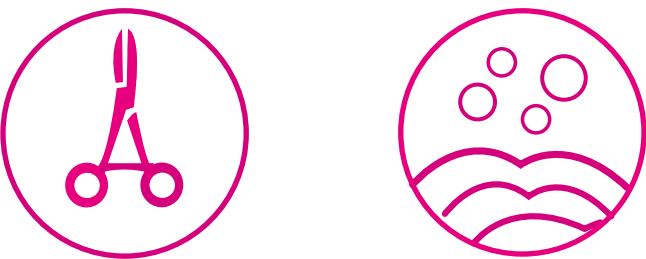


Getinge Clean Pre-treatment Foam

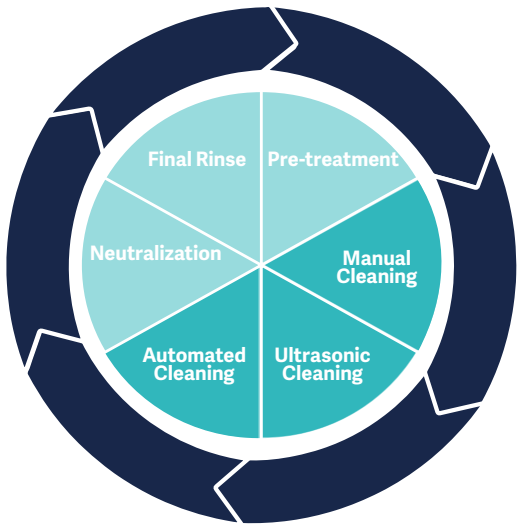
The Getinge Clean Foam Spray is available in 500 ml hand held dispensers, ready for use and used principally for spraying stainless steel instruments and other utensils after usage and before being transferred to the CSSD. It is especially recommended when there is a delay between instrument usage and decontamination. Not intended for machine use.

Getinge Clean Pre-treatment Foam offers the following features:

- Improves cleaning process effectiveness by increasing contact times with soiled surfaces
- Prevents drying of soiled surfaces before cleaning
- Effective at room temperature
- Will not stain glass, metal, plastic or the equipment



Manual, Ultrasonic and Automated Cleaning



Getinge Clean Enzymatic Plus

Getinge clean Enzymatic Plus brings additional functionality to our wide range of detergents. Its powerful formulation is designed to operate effectively in manual, ultrasonic and washer-disinfector applications. With four enzyme types and a balanced surfactant package the product easily removes soil from instruments and devices and exhibits biofilm removal properties. It has wide materials compatibility with metals, plastics and elastomers. Available in 5 L, 2x5 L with 2 dosing pumps, 25 L and 205 L containers.

Getinge Clean Enzymatic Plus offers the following features:

- Easily removes soil from instruments and devices
- Wide material compatibility with metals, plastics and elastomers
- Designed for use in manual, ultrasonic and washer-disinfector applications
- Enhanced foam control



Getinge Clean Enzymatic Detergent

Getinge Clean Enzymatic detergent is a mild neutral pH cleaner. It combines the power of multi-enzymatic cleaning technology with the advantage of machine spray washing, formulated to remove protein matter from instruments and medical devices. In addition for usage with automated washers, it is suitable for use in sinks and ultrasonic baths. Available in 5, 25 and 205 L containers.

Getinge Clean Enzymatic Detergent offers the following features:

- Penetrates and breaks down protein and organic matter
- pH neutral
- Suitable for all types of washer-disinfectors and manual cleaning
- Suitable for most types of materials. Material compatibility has to be checked with the instrument manufacturer
- Effective in hard and soft water

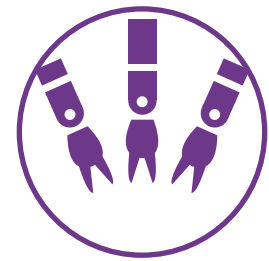


Getinge Clean Universal Detergent

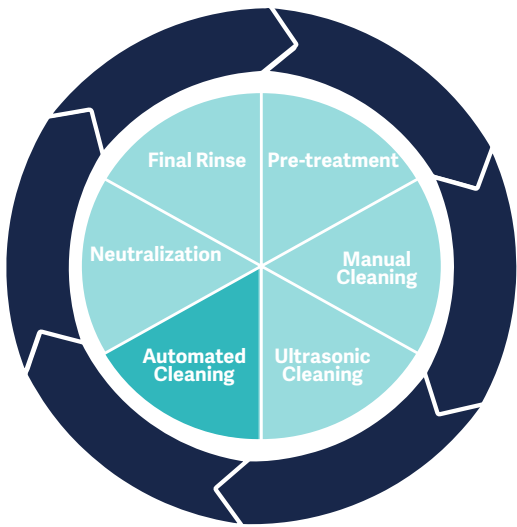
Getinge Clean Universal Detergent is a mild alkaline-based cleaner with surfactants. It's a low foaming, non-abrasive, instrument cleaning product that rapidly removes, dissolves and disperses all types of soil. Available in 5, 10, 25 and 205 L containers.

Getinge Clean Universal Detergent offers the following features:

- Excellent cleaning performance
- Recommended when a department wants to reduce the number of detergents
- Suitable for all types of washer-disinfectors
- Suitable for most types of materials. Material compatibility has to be checked with the instrument manufacturer
- Neutralization is not required



Automated Cleaning

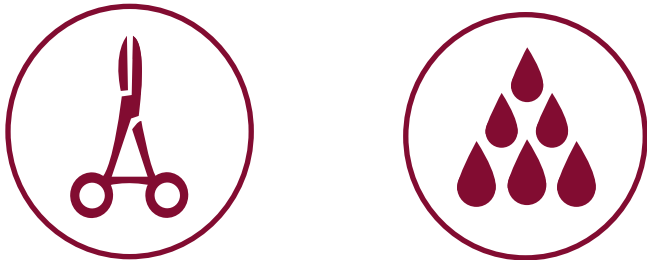


Getinge Clean Heavy Soil Detergent

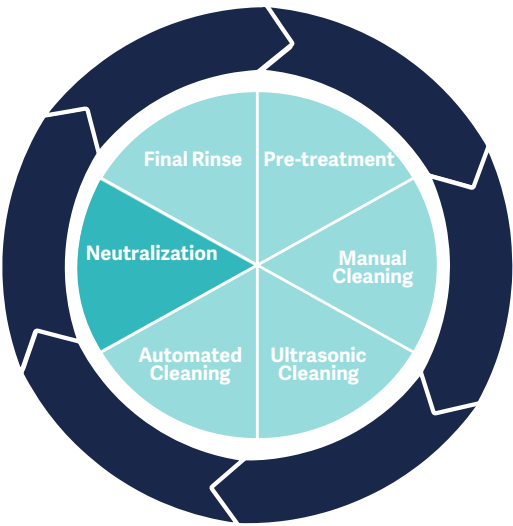
Getinge Clean Heavy Soil Detergent is a stronger alkaline-based cleaner, suitable for alkaline-resistant materials such as stainless steel instruments and glass. Not suitable for aluminum and anodized aluminum. Available in 5 L containers.

Getinge Clean Heavy Soil Detergent offers the following features:

- For heavily soiled dried items such as gynecological and orthopedic instruments
- Effective for removing blood, fat, grease and oil
- Suitable for all types of washer-disinfectors
- Neutralization required with Getinge Clean Neutralizer



Neutralization



Getinge Clean Neutralizer

Getinge Clean Neutralizer is used to neutralize alkaline residues following the main wash phase. Neutralizer can also be used to remove hard water stain in washer-disinfector chambers. Available in 5, 25 and 205 L containers.

Getinge Clean Neutralizer offers the following features:

- Mildly acidic, based on a citric acid
- Phosphate and surfactant free
- Suitable for all types of washer disinfectors
- Can be used on a wide range of materials



Getinge Clean Neutralizer Plus

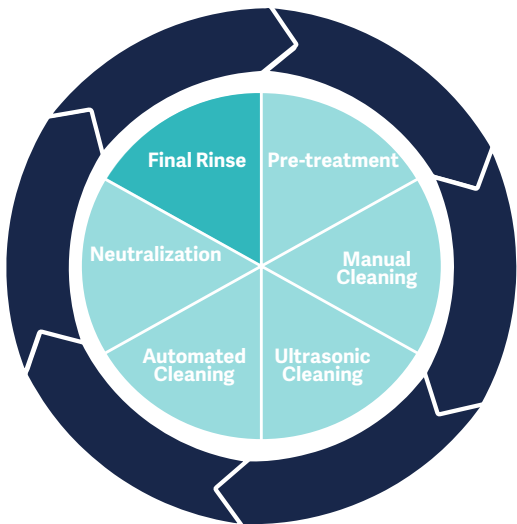
Getinge Clean Neutralizer Plus is a powerful, multipurpose acid neutralizer and cleaner. Available in 5 L containers.

Getinge Clean Neutralizer Plus offers the following features:

- Formulation includes a blend of orthophosphoric & nitric acid – (typical pH in use dilution 2)
- Process additive for pH neutralization of high alkaline detergents
- Removes rust, stains and hard water scale from stainless steel instruments, equipment and washer disinfectant chambers
- Restores stainless steel surface finish
- Only recommended for use on stainless steel and glass



Final Rinse

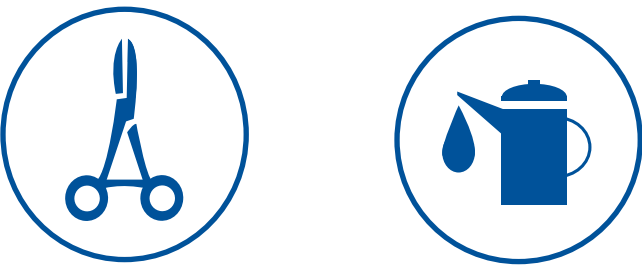


Getinge Clean Instrument Lubricant Plus

Getinge Clean Instrument Lubricant Plus is formulated to efficiently lubricate surgical instrument hinges, pins, joints and box locks for optimal functionality. It also prevents friction corrosion of these moving parts and prolongs the life of the instrument. Instrument Lubricant Plus is silicone and mineral oil free and will not interfere with subsequent steam or gas sterilization processes. Available in 5, 25 and 205 L containers.

Getinge Clean Instrument Lubricant Plus offers the following features:

- For both manual and automated lubrication of instrument box joints and moving parts
- Prevents friction corrosion
- Silicone and mineral oil free
- Steam and EtO permeable
- Biocompatible
- Will not crystalize washer-disinfector tubing
- Will not build up in washer-disinfector chambers



Getinge Clean Rinse Aid

Getinge Clean Rinse Aid is an anti-scaling, surfactant-based, rinse additive used in the final rinse to help drying. Available in 5, 25 and 205 L containers.

Getinge Clean Rinse Aid offers the following features:

- Speeds up drying times
- Reduces water spotting for a non-streaky finish
- Helps combat scaling
- Compatible with most materials
- Bio-compatible



Maintenance

Getinge Clean Chamber Foam

The Getinge Clean Chamber Foam is a ready-to-use acid cleaner available in 500 ml trigger sprayer. It is applied inside process chambers and easily wiped off with a wet cloth, leaving the chamber clean and free from limescale, mineral deposits and odors; it even removes rust. It will help the CSSD staff to keep the equipment clean and minimize repair costs due to poor water quality and neglected maintenance.

Getinge Clean Chamber Foam offers the following features:

- Foam based, ready-to-use acid cleaner
- Removes scale, mineral deposits and rust from sterilizers, washer-disinfectors and flushers chambers
- Optimal solution for routine preventive maintenance
- Minimal hands-on application for increased operator safety
- Low odor formulation



Ordering Information

Label Color	Product Name	Use	Packaging
Pre-Treatment			
	Getinge Clean Pre-treatment Foam	Medical devices immediately after use	6x0.5 L, 20x0.5 L
Manual, Ultrasonic and Automated Cleaning			
	Getinge Clean Enzymatic Plus	Washer-disinfectors, ultrasonic baths, manual cleaning	1x5 L, 2x5 L, 1x25L, 1x205 L
	Getinge Clean Enzymatic Detergent	Washer-disinfectors, ultrasonic baths, manual cleaning	1x5 L, 1x25 L, 1x205 L
	Getinge Clean Universal Detergent	Washer-disinfectors, ultrasonic baths, manual cleaning	1x5 L, 1x10 L, 1x25 L, 1x205 L
Automated Cleaning			
	Getinge Clean Heavy Soil Detergent	Washer-disinfectors	1x5 L
Neutralizer			
	Getinge Clean Neutralizer	Washer-disinfectors	1x5 L, 1x25 L, 1x205 L
	Getinge Clean Neutralizer Plus	Washer-disinfectors, stainless steel instruments, equipment	1x5 L
Final Rinse			
	Getinge Clean Instrument Lubricant Plus	Washer-disinfectors, manual	1x5 L, 1x25 L, 1x205 L
	Getinge Clean Rinse Aid	Washer-disinfectors	1x5 L
Maintenance			
	Getinge Clean Chamber Foam	Stainless steel surfaces of sterilizers and automated washer chambers	6x500 ml

Getinge Clean Compatibility

	Aluminum	Anodized aluminium	Titanium	Non ferrous metals	Machrome plated	Stainless steel	Glass	Ceramics	Rubber	Plastic
 Getinge Clean Universal Detergent	M	M	M	M	✓	✓	✓	✓	✓	M
 Getinge Clean Instrument Lubricant Plus	✓	✓	✓	✓	✓	✓	-	-	-	-
 Getinge Clean Pre-treatment Foam	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
 Getinge Clean Enzymatic Detergent	✓	✓	✓	✓	✓	✓	✓	✓	✓	M
 Getinge Clean Enzymatic Plus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
 Getinge Clean Heavy Soil Detergent	-	-	M	-	✓	✓	✓	✓	✓	M
 Getinge Clean Rinse Aid	✓	✓	✓	✓	✓	✓	✓	✓	M	M
 Getinge Clean Chamber Foam	-	-	-	-	-	✓	-	-	-	-
 Getinge Clean Neutralizer	M	M	✓	✓	✓	✓	✓	✓	M	M
 Getinge Clean Neutralizer Plus	-	-	M	M	M	✓	✓	M	M	M

- ✓ = The product is suitable for the material
- = The product is not suitable for the material
- M = Pay special attention to the guidelines from the instruments/items manufacturer

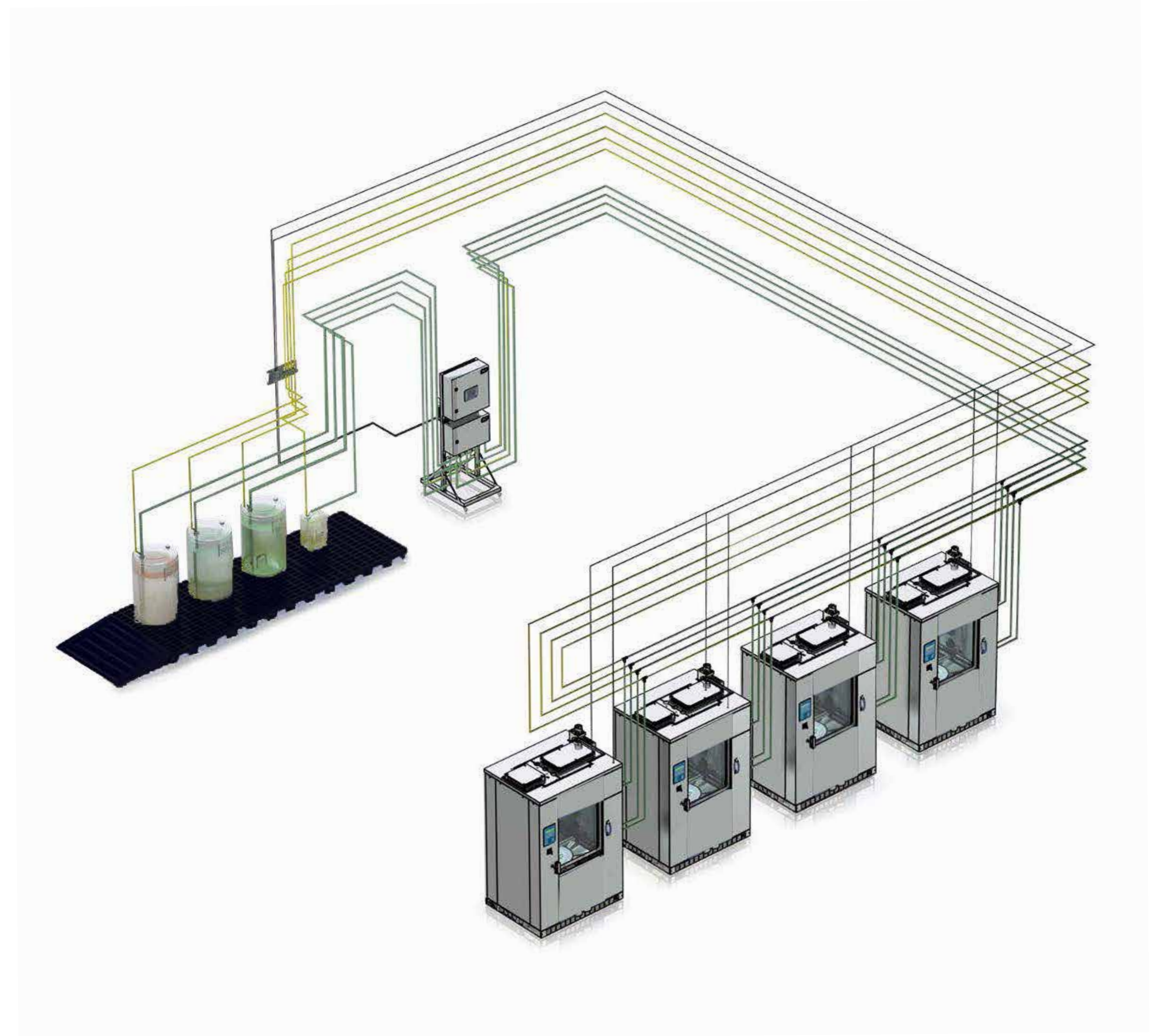
This chart is only a guideline and information on the reprocessing of medical devices from the manufacturer according to EN ISO 17664 must always be followed.

Getinge Clean Management System (CMS)

Getinge Clean Management System (CMS) keeps washerdisinfectors and the day tanks of other connected equipment topped up at optimal levels.

Hygienic, sealed day tanks are used as a buffer between the detergent containers and the connected equipment. Each day tank is also equipped with three level sensors to maintain the right detergent level so your staff doesn't have to worry about having to check detergent levels or tanks running dry. The washer-disinfectors utilize their standard dosing system with suction wands, detergent pumps and flow meters. This simplifies implementation since the validation process in the washer-disinfectors is not affected. Getinge Online for remotely checking system parameters and monitoring, e.g. notifications which sends an email and/or text message to the customer's mobile device or computer when Getinge CMS reaches ordering level or gives a warning alarm before levels reach a critical point.

→ Learn more about Getinge CMS



Getinge Consumables

Safeguarding your instrument reprocessing

Getinge Pack Sterilization Pouches and Rolls used in combination with our rotary sealers provide an effective microbial barrier. Together, they help you keep patients safe by significantly minimizing the risk of recontamination after sterilization.

Packaging and Sealers

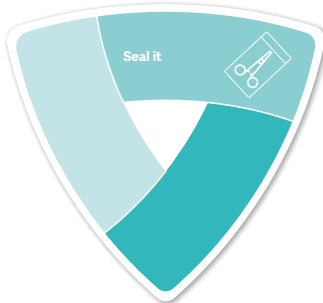
Safely enclose devices for sterilization

Sterilization rolls and pouches easily and safely enclose medical devices intended to be sterilized in steam, ethylene oxide or formaldehyde sterilizers.

When used in combination with Getinge Rotary Sealers, the rolls and pouches are sealed in an automated process that ensures repeatable and effective sealing results.

Efficiently seal rolls and pouches

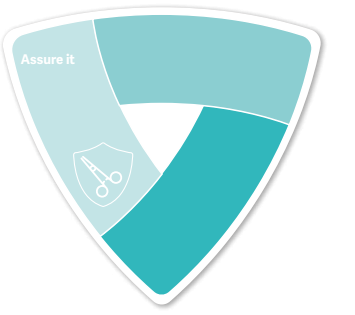
User-friendly Getinge Rotary Sealers improve operator efficiency while delivering a high-quality seal. They are designed to efficiently, effectively, and reliably seal rolls and pouches made of medical paper or non-woven materials.



Packaging type	Steam	EO	Formaldehyde
Standard rolls	•	•	•
Standard pouches	•	•	•
Self-seal pouches	•	•	•

Getinge Assured Indicators

Ensuring accurate and consistent results



Are you certain that your reprocessed instruments and equipment are clean and sterile? With Getinge Assured Indicators, you can be certain that your disinfection and sterilization equipment is consistently in full compliance with all requirements and standards.

Comprehensive cleaning and sterility assurance indicators

Routine use of our Getinge Assured Indicators provides you with independent verification that the sterilization process is effective and consistent. The indicators can be used as part of a sterilization audit, or for routine performance monitoring to eliminate “judgment calls” about performance. The Getinge Bowie-Dick Type Test is to be used for daily testing of the mechanical function of your vacuumassisted steam sterilizer, ensuring that its air removal system is working as expected.

In addition to the Bowie-Dick Test packs, the comprehensive Getinge Assured Sterility Assurance portfolio includes:

- Wash monitoring
- Instrument surface monitoring
- Sterilization tapes
- Biological indicators
- Incubators
- Chemical indicators
- Batch load monitoring system





Clean it – Cleaning and Disinfection

Getinge Clean offers a wide range of cleaning agents for the most demanding instrument cleaning tasks, such as pre-treatment, complex minimally invasive instruments and biofilm.



Seal it – Packaging and Sealing

Getinge Packaging and Sealing offers the correct packaging for every sterilization process. Packaging plays a crucial role in providing an effective microbial barrier and ensuring safe sterilization.



Assure it – Monitors and Indicators

With Getinge Assured, you can be certain that your instruments meet your specifications. This comprehensive offering provides you with the added assurance that your instruments are clean and sterile as expected.

This information is intended for an international audience outside the US.

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