Getinge

Clean Management System

GETINGE

GETINGE GROUP



Getinge Clean Management system (CMS) – an improved process, **a unique solution**

Getinge can help you manage your detergents and reduce costs. Getinge CMS (Clean Management System), with its new central dosage system, assures trouble-free cleaning that saves you time and money.

Thanks to its ergonomic design, user safety aspects and productivity, Getinge CMS is a great asset for your team. Instead of frequent manually loading of each washer-disinfector with small containers, your department's entire detergent requirements can be supplied from a single large container for each detergent type. Getinge CMS is a central dosing system that can be linked to washer-disinfectors, ultrasonic cleaners, and manual cleaning stations in healthcare and laboratory applications, to maintain the level of detergent in each of the department's units. The system provides an accurate method of controlling and measuring the amount of detergent used at your facility. Long-term reliability and performance are ensured thanks to the exclusive use of state-of the-art microprocessor-controlled pumping systems, spill containment, and bulk storage components.

Getinge CMS is highly flexible, enabling tailor-made configurations to meet individual department needs. It also can pr ovide online monitoring for status, alert and alarm purposes. We also offer a wide range of accessories.

Getinge CMS has been developed, tested and validated with the Getinge Clean detergent range to secure the highest level of safety and uptime. It's also quick to install, thus minimizing disruption to busy departments.

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. As a complete solution provider and one-stop shop, you can trust Getinge to provide the products you rely on for guarantee cleanliness.

You provide the challenge, we provide the solution.



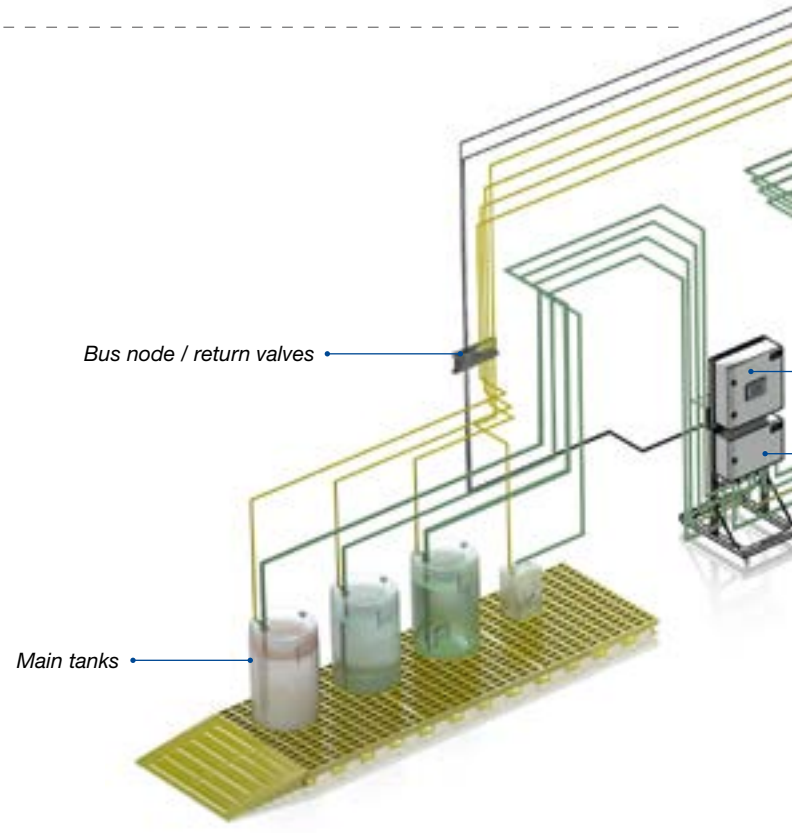
ISO 15883 VALIDATED • TESTED FOR OPTIMAL CLEANING AND PERFORMANCE

Getinge CMS has been developed, tested and validated with the Getinge Clean detergent range to meet EN ISO 15883 standards for cleaning efficiency of goods normally used in CSSDs to protect users and patients.

Getinge CMS does the **thinking** for you

Getinge CMS keeps washer-disinfectors and the day tanks of other connected equipment topped up at optimal levels. Hygienic, sealed day tanks are used as a buffer between the remote detergent container drums 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-disinfector is not affected.

Getinge CMS is a reliable system, equipped with a large, user-friendly HMI color touch panel for monitoring all crucial parameters and alerting you if necessary. Remote monitoring is also possible via Getinge Online, utilizing the internet for display status and reporting on Getinge's equipment globally. All the information transferred over the internet is encrypted and authenticated, and your equipment is connected to our secure data center via your existing internet connection.

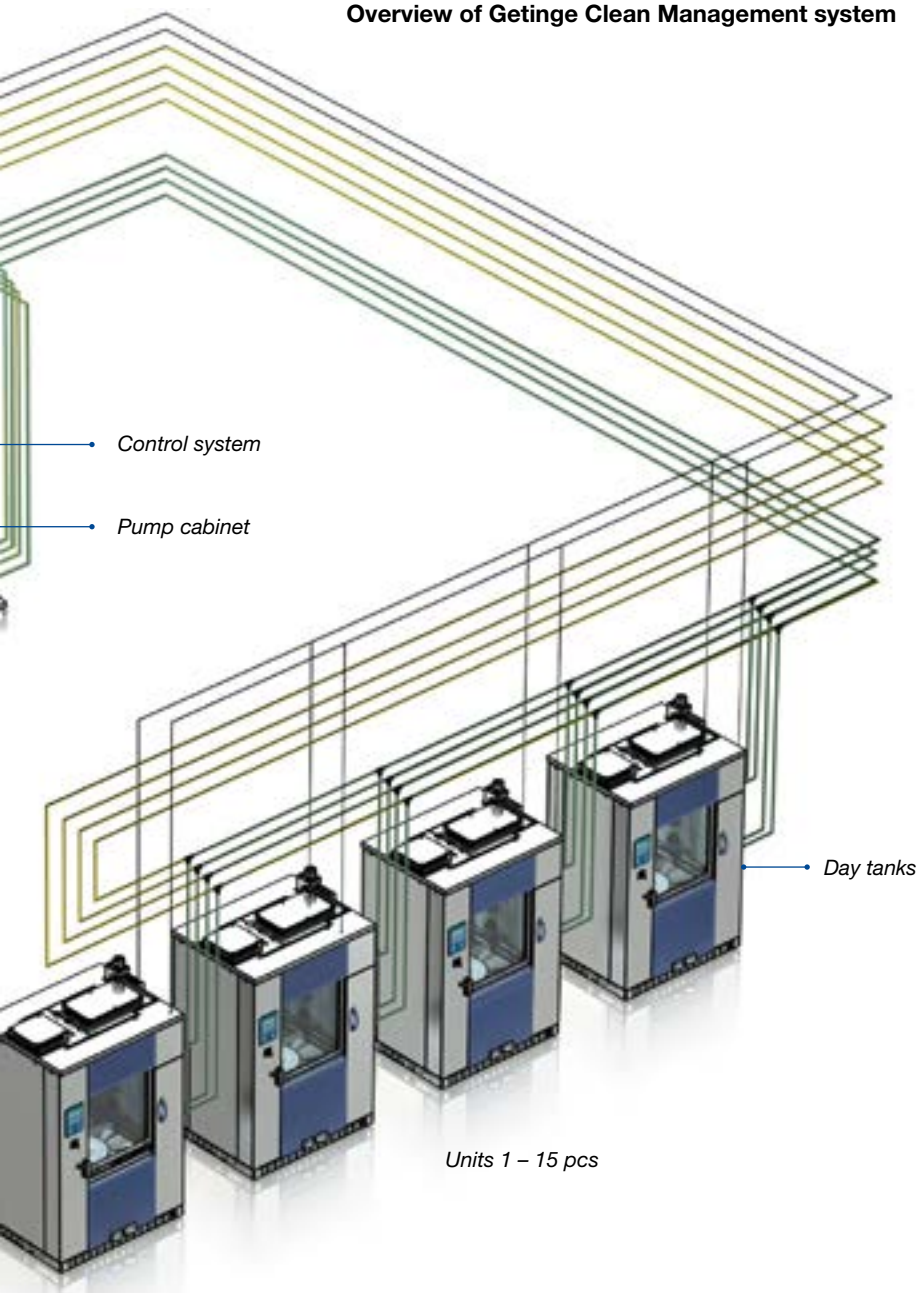


Automatic detergent circulation system

Getinge CMS incorporates an automatic detergent circulation system. This means that each detergent is supplied by only one detergent pump for all washer-disinfectors. Getinge CMS can carry out more than one task at a time and the circulation system will be automatically activated if the system has been in standby mode longer than a pre-set time. This minimizes the risk of the detergent crystallizing in detergent lines if equipment is not used for a period of time.

An automatic shut-off valve is located on the return feed line to the main detergent drums. This automatically closes when a day tank signals that it needs more detergent, so that no static pressure builds up in the system during a standby. If the time to fill any of the day tanks is longer than a preset value, the system will generate an alarm to indicate pressure, flow or leakage. This prevents running the system with an incorrect detergent flow.

Overview of Getinge Clean Management system



- Flexible system supplying up to 15 units, each including 4 different detergents
- Totally independent system - extra validation of the washer-disinfectors is not necessary
- Ergonomic design and user safety
- High uptime
- Fully automatic monitoring overview
- Pre-configured for containers in the Getinge Get Clean product range, for easy set-up and level control

User-friendly HMI color touch panel for easy operator interface.



Getinge Online for remotely checking system parameters and monitoring, e.g. notifications which sends an email and/or text (SMS) message to the customer's mobile phone or PC when Getinge CMS reaches ordering level or gives a warning alarm before levels reach a critical point.



Light tower with 4 indication LEDs for visible and remote alarm and status indication. Can be installed next to the the Clean Management System or other preferred place in the CSSD, minimizing the risk of running out of detergent for the units.



Service and support **– vital parts** of the Getinge Solution



Getinge CMS is not only about cleaning hospital instruments and laboratory test tubes. It's also about being ergonomic, eco-friendly and minimizing environmental impact. All our Getinge Clean detergents are biodegradable, the packaging is recyclable and people using them appreciate a safer working environment. We can guarantee you a cleaner footprint.

Complies with all relevant norms

Getinge CMS complies with all relevant norms, standards and regulatory demands, which assures that the unit will operate safely and effectively in all markets.

Getinge gives you more

Getinge provides expert consultation services to help with detergent selection, assistance to select your dosage levels and improve your processes to obtain consistently high-quality cleaning results at optimal costs. Getinge can provide on-the-spot testing of key parameters necessary for obtaining satisfactory results, as well as full laboratory analysis services. Based on information from these tests, Getinge can recommend what steps might need to be taken to ensure the best possible results from your washer-disinfector and cleaning agents, increasing throughput while minimizing utility and detergent costs.

We are dedicated to helping our customers provide better care at a lower overall cost. We do this by offering time-saving, reliable, customized solutions. This means that we are with you all the way from architectural planning and training to traceability and support – with long-term commitment and a global presence.

Consult your local Getinge representative for customized quotations, installation and/or commissioning support.

Technical **data**

Flexible accessories
A wide range of accessories is available for different installation scenarios. These include wall- or floor-mounted kits,shut-off valves, installation kits and the whole Getinge Clean detergent range. Getinge CMS can be adapted to various types of installation set-ups.

Weight	
Total	95 kg with electrical, pump cabinet and mounting stand
Electrical cabinet	30 kg
Pump cabinet	22 kg
Wheeled mounting stand	43 kg

Dimensions			
Electrical cabinet		Pump cabinet	
Width	600 mm	Width	600 mm
Depth	210 mm	Depth	210 mm
Height	600 mm	Height	400 mm

Piping/hose system
Maximum pipe/hose length is 100 m (including maximum 6 m vertical).

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Getinge Group is a leading global pro vider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, Getinge and Maquet. ArjoHuntleigh focuses on patient mobility and wound management solutions. Getinge provides solutions for infection control within healthcare and contamination prevention within life sciences. Maquet specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.

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