



# Getinge Clean Management System

## Central dosing system

This document is intended to provide information to an international audience outside of the US.

GETINGE 

# Getinge Clean Management System (CMS)

- an improved process, a unique solution

Getinge's 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.

Getinge CMS is highly flexible, enabling tailor-made configurations to meet individual department needs. It also can provide online monitoring for status, alert and alarm purposes.

We also offer a wide range of accessories. Getinge CMS has been developed for 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.



Getinge CMS has been developed for 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.

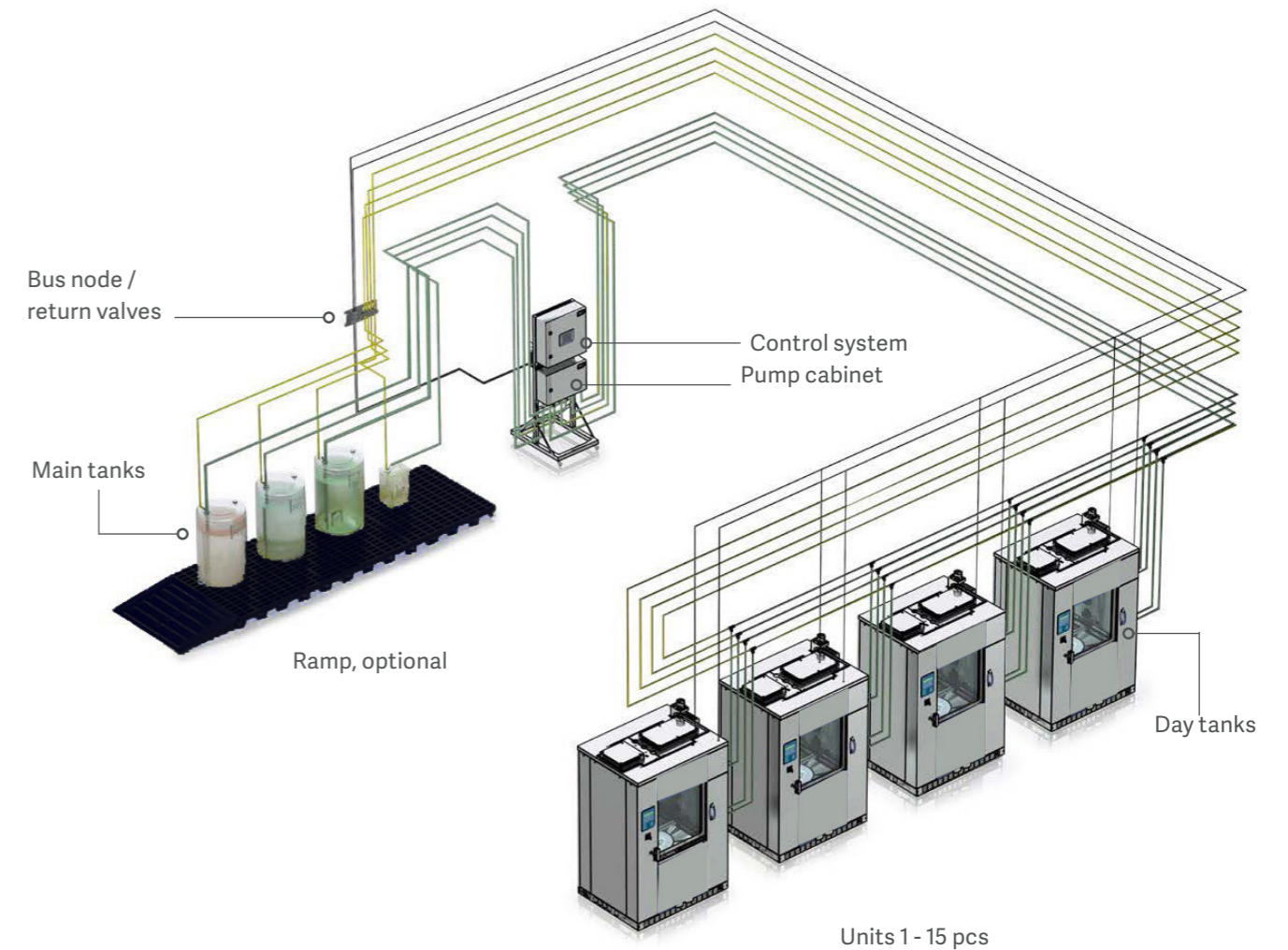
Getinge CMS is a reliable system, equipped with a large, user-friendly HMI color touch panel for monitoring all crucial parameters and alerting you if necessary. Remote monitoring is also possible via Getinge Online, utilizing the internet for display status and reporting on Getinge's equipment globally. 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

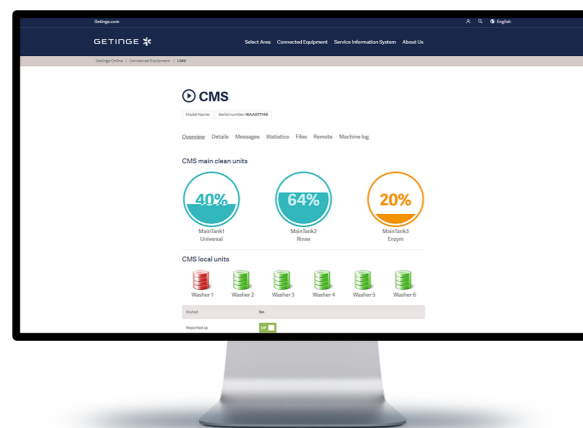
Getinge CMS incorporates an automatic detergent circulation system. This means that each detergent is supplied by only one detergent pump for all washer-disinfectors. Getinge CMS can carry out more than one task at a time and the circulation system will be automatically activated if the system has been 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 and opens again when refilling is completed, to ensure 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 insufficient pressure, flow or potential leaking. This prevents running the system with an incorrect detergent flow.



Overview of Getinge Clean Management system



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.



- 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.

# 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 (209.4 lbs) with electrical, pump cabinet and mounting stand
Electrical cabinet	30 kg (66.1 lbs)
Pump cabinet	22 kg (48.5 lbs)
Wheeled mounting stand	43 kg (94.8 lbs)

## Dimensions

Electrical cabinet		Pump cabinet	
Width	600 mm (23.6 in)	Width	600 mm (23.6 in)
Depth	210 mm (8.3 in)	Depth	210 mm (8.3 in)
Height	600 mm (23.6 in)	Height	400 mm (15.7 in)

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



# Getinge Consumables

Safeguarding your instrument reprocessing  
– Circle for Life

## Getinge Clean Chemistries

### Effective cleaning is a multi-step process

Our Getinge Clean Chemistries have provided maximum performance along with efficient and economical throughput for many years.

The comprehensive range of instrument cleaning detergents and maintenance products include state-of-the-art formulations to handle the most challenging of instrument cleaning obstacles.



## Getinge Assured Indicators



### Ensuring accurate and consistent results

Routine use of Getinge Assured Wash Monitoring products provides you with independent verification that the cleaning process is effective and consistent.

We offer a wide range of residual protein tests for surfaces and instruments – including hollow lumens and scopes.



With a firm belief that every person and community should have access to the best possible care, Getinge provides hospitals and life science institutions with products and solutions aiming to improve clinical results and optimize workflows. The offering includes products and solutions for intensive care, cardiovascular procedures, operating rooms, sterile reprocessing and life science. Getinge employs over 10,000 people worldwide and the products are sold in more than 135 countries.

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