

Getinge Lancer LSS
Laboratory Steam Sterilizer

Unmatched uptime
and efficiency
at your fingertips



GETINGE 

Upgrade your lab

With best in class autoclaving and intuitive control

Designed to withstand even the harshest laboratory environments, the new Lancer LSS sterilizer combines world-class engineering and construction with an intuitive interface for unmatched uptime and efficiency.

The connected software platform supports robust reporting, data integrity and predictive maintenance while the pre-programmed sterilization cycles and customization options ensure a flexible process that meets the needs of a wide range of load types.

With the Lancer LSS, you get reliable, repeatable results and a cost-effective and efficient workflow.



Reliable, repeatable results

High performance sterilization for laboratories

Labware that is free of microorganisms and other contaminants is critical for ensuring accurate experiments and tests.

The Lancer LSS is designed for high performance sterilization of labware, process materials and products used in laboratory and research facilities.

Thanks to continuous monitoring each sterilization cycle guarantees a sterile and repeatable result, documented according to your laboratory's process needs. Typical loads can include labware, glassware, culture media for sterile testing, and liquids in either open or closed containers.

Do you have specific sterilization requirements? The Lancer LSS enables you to adjust cycle parameters to meet your needs, and batch reports are generated to verify the process.



Cycle temperature range



Low temperature
80°–100°C



Liquid
105°–135°C



Vacuum
110°–135°C

Intuitive control system

Enable efficient workflows and ensure compliance

The Lancer LSS's intuitive and easy-to-use interface delivers advanced connectivity while ensuring regulatory compliance and data integrity.

The system also supports efficient workflows thanks to comprehensive user management.

With its intuitive HMI, the Lancer LSS enables fast and easy operations such as process start, customization of cycle parameters, alarm notifications and more. The control system enables you to streamline processes while meeting current and future demands when it comes to digitalization, qualification and validation.



Ergonomic safety

Global and local standards along with standard operating procedures, workflows and proper equipment usage help protect people working with lab equipment. Ergonomic and easy-to-use equipment also facilitates efficient operations and helps to minimize human errors.

- + A simple and intuitive HMI with presets for common sterilization processes
- + Configured with different access levels for improved user management
- + Can connect to external systems such as SCADA and BMS through OPC UA standardized protocols
- + Lancer LSS can also connect with Getinge Online enabling you to monitor your equipment remotely
- + Network printing and network storage available

Support flexible processes in your lab

Glassware, hoses, liquids in open or closed containers. Because many different types of goods and items are processed in a lab, the Lancer LSS enables a wide range of loads. Pre-programmed cycles sterilize the most common loads, but you can also customize your own cycle to meet your unique process requirements.

- + Pre-programmed sterilization cycles for the most common loads
- + Customized sterilization cycle for your unique process requirements



Cost-effective design

The robust construction and design of the Lancer LSS enables it to withstand the harsh environment and processes of the laboratory. High quality components also ensure a long lifetime of use and minimal downtime.

Lancer LSS Model	Usable Chamber Dimensions			Chamber Volume (Nominal Internal)
	Width mm (inch)	Height mm (inch)	Depth mm (inch)	Liters (cu. ft.)
340	660 (26")	700 (27 ½")	700 (27 ½")	340 (12)
480	660 (26")	700 (27 ½")	1000 (3/8")	480 (17)
620	660 (26")	700 (27 ½")	1300 (51 ¼")	620 (22)



- 1 The Getinge **Lancer sterilizer controller** is factory programmed with pre-set cycles for gravity and vacuum assisted operation, plus vacuum leak test and Bowie-Dick test on selected models. The integrated controller enables easy operation through a graphic user interface with intuitive menus.
- 2 **Optional panel printer**
- 3 **Large chamber** for maximum process utilization and convenient loading.
- 4 The **automatic vertical door** ensures better ergonomics for the user.
- 5 **Stainless steel construction** assures extended life cycle in harsh environments.
- 6 All sterilizer models require a steam supply. An optional **integral steam generator** is available if facility steam volume and flow is not available or is insufficient. The steam generator is installed within the sterilizer frame.

Customize your lab sterilizer with accessories

A variety of open wire shelves, transfer carts and other accessories are available to minimize labor and to make the most efficient use of the interior chamber space. All racks and shelves are specific to the cabinet size.



Withdrawable shelf

Stainless steel rack supports with two extendable, stainless steel shelves.

Shelf rack

For use with the transfer trolley, the load car is sized to fit the interior dimensions of the lab sterilizer and is made of stainless steel.

Fixed height trolley

A fixed-height trolley for use with load car. The trolley releases the load car when it is locked to the interior chamber rail. It's made of reinforced stainless steel.

Height adjustable trolley

All the features of the fixed-height trolley, with the added benefit of adjustable height. This improvement enhances ergonomics and helps alleviate strain for users.

Service without borders

Our global service network provides expert predictive and reactive maintenance to maximize uptime and safety. Lancer LSS can also connect with Getinge Online, enabling you to monitor your equipment and keep your lab running smoothly – from anywhere.

A service agreement with Getinge gives you peace of mind. Our global service network provides expert preventive, predictive and reactive maintenance to give you control, ensure reliability and allow you to focus on your research. A good relationship is built on trust and we are committed to serving your needs wherever you are in the world. With our Service Team by your side, you are ready to meet the requirements of accrediting organizations and government regulatory agencies.



Our services include:

- + Spare parts packages
- + Calibration services
- + Upgrade packages
- + Operator and technician training
- + Process verification
- + Validation services

Upgrade your lab

– put unmatched uptime and efficiency at your fingertips

- + Robust construction to ensure high utilization and low total cost of ownership
- + Pre-programmed and customizable sterilization cycles – process flexibility to meet any load type
- + Process monitoring and batch reports to ensure reliable, repeatable results
- + Intuitive HMI for efficient workflows, easy operations and reduced human error
- + Connectivity to Getinge Online to monitor your equipment remotely
- + Cost-effective design – fulfill laboratory requirements within your budget





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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