

Sterifast
sterilization & disinfection

Autoclave ST10

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PREMIUM DESIGN

The ST10 stands out as a true gem in terms of design. Its compact form and clean white exterior highlight the vibrant colors of the 7" display and the light path. Every detail is crafted for maximum convenience: an easily accessible printer compartment, front-door adjustment, a simplified door-release mechanism, and removable air filters that can be cleaned or replaced with a single click.

The ST10 seamlessly combines elegance, usability, and intelligent engineering in one refined device.

TRACEABLE STERILIZATION RECORDS

The ST10 provides full traceability for sterilization data. All cycle information can be stored on a USB drive and transferred to a computer via Ethernet or WiFi. The built-in cycle archive is easy to access and search directly from the menu, allowing users to quickly review past operations. A detailed PDF summary of all completed cycles can also be generated, ensuring clear, organized documentation whenever needed.

This system ensures reliable data tracking and simplifies record management for every sterilization process.

INTUITIVE USER INTERFACE

The ST10 features an interface built on a clear and intuitive logic, making everyday operation remarkably simple. Cycles can be launched with a quick swipe, and customization options are accessible within just a few taps. Additionally, integrated video tutorials guide users through routine maintenance tasks, ensuring smooth operation without the need for external assistance.

This thoughtful interface design enhances efficiency and makes interacting with the device effortless for users of all experience levels.

HIGH-PERFORMANCE OPERATION

The ST10 is engineered for long-lasting, efficient performance. Its air filters are designed to block dust and debris from entering the autoclave, protecting internal components and maintaining optimal functionality over time. Equipped with an advanced vacuum pump and a high-efficiency drying system, the device delivers powerful yet quiet sterilization throughout every cycle.

This combination of protection, performance, and low noise ensures reliable operation in any professional setting.



ST10: COMPLETE CONTROL, INTELLIGENT DESIGN, RELIABLE STERILIZATION

The ST10 offers complete management of sterilization data through advanced digital and paper-based traceability, with USB, Ethernet, and WiFi providing full data transfer and archiving capabilities.
Its intuitive interface—with a 7" colour display and side LED—simplifies daily workflows, enabling quick access to 5 B cycles and, with a password, 1 S and 1 N cycle.
Test scheduling and support for three optional printers allow printing of receipts or thermal labels with data or barcodes.
User-friendly features include one-click removable air filters, easy access to the printer compartment, and quick front-door adjustment and release.
Control systems such as the inspection system, clean/dirty water separation, conductivity monitoring, and an air-water separator ensure safe, reliable performance over time.

CLASSIFICATION
Medical Device Class IIb

WEIGHT
47.5 Kg (18 L) - 50.5 Kg (24 L)

POWER SUPPLY
230 V | 60/50 Hz

DIMENSIONS
46 x 45.5 x 61 cm (wxhxd)

CHAMBER CAPACITY
18 or 24 L

POWER CONSUMPTION
2300 W

CE REF
SSU\E24L2018

WATER CONSUMPTION
0.3 L

CONNECTIVITY
Ethernet, USB,
WiFi, E-Memory and E-Data software

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UNIFIED TECHNOLOGY FOR RELIABLE PERFORMANCE

The ST10 is built on a single, standardized platform that ensures efficiency, reliability, safety, and ease of use across all models. All units feature the same modular construction, optimized control and management systems, and are compatible with shared accessories and spare parts, streamlining maintenance and operation.

MODULAR MAINTENANCE-FRIENDLY DESIGN

The ST10 features a modular structure that allows its side panels to be removed with ease, making routine maintenance and internal access significantly simpler. This design ensures faster servicing and keeps the device operating efficiently over time.

EFFICIENT INSTANT STEAM GENERATOR

The ST10 is equipped with an instant steam generator that delivers fast, safe, and reliable sterilization. It optimizes water usage by adjusting consumption based on the load and, combined with advanced heating elements, ensures thorough and efficient drying every cycle.

ADVANCED INSPECTION SYSTEM

The ST10 features a state-of-the-art Inspection System, fully compliant with EN 13060 standards, designed to make tank cleaning fast and effortless. This system simplifies routine maintenance while ensuring the autoclave remains hygienic and fully operational.

PROTECTIVE AIR-WATER SEPARATOR

The ST10 is equipped with an air-water separator that safeguards the vacuum pump by separating steam, air, dirt, lubricants, and residues from the sterilized instruments. This ensures optimal pump operation and maintains its long-term efficiency.

HYDRAULIC DIRT CONTROL SYSTEM

The ST10 features a Dirt Control System that efficiently separates clean and contaminated water within the hydraulic circuit. This precise management ensures the autoclave operates at peak performance while protecting internal components.

INTELLIGENT COOLING SYSTEM

The ST10 incorporates a smart cooling system with a built-in probe that optimizes the operation of the vacuum pump. This ensures maximum efficiency while extending the pump's lifespan and maintaining consistent performance.

SERVICE-FRIENDLY MODULAR DESIGN

The ST10 features a modular construction that allows its side panels to be quickly and easily removed. This design simplifies maintenance, provides convenient access to internal components, and helps ensure long-term efficient operation.

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NEXT-GENERATION INTUITIVE INTERFACE

The ST10 is equipped with a 7" color display featuring a clear and highly functional interface. Designed for ease of use, it integrates seamlessly with the device's minimalist design, allowing quick, comprehensive, and intuitive operation. This interface helps optimize workflows and provides maximum flexibility during daily sterilization tasks.

JUST A CLICK AWAY

The interface of ST10 is designed to simplify your workflow by making all the main sections easily accessible in just a few clicks: the navigation menu at the top allows you to access the device's settings at any time or to choose between cycles and tests, which start right away with just a simple swipe.

USER-FOCUSED DESIGN

The ST10 is designed for maximum user convenience, featuring a notification system that alerts operators to scheduled cycles, tests, and any errors. This helps streamline troubleshooting and simplifies routine maintenance, ensuring smooth and efficient daily operation.

QUICK AND USER-FRIENDLY OPERATION

The ST10 offers a fast and intuitive interface, featuring a step-by-step installation guide, multilingual support in 28 languages, and descriptive prompts under each setting. Favorite cycles are accessible directly from the main screen, allowing users to select, customize, and start cycles more quickly and efficiently.



COMPREHENSIVE STERILIZATION CYCLES & TESTING

The ST10 supports a wide range of sterilization and test programs, including B, N, and S cycles, as well as Vacuum, Helix, and Bowie-Dick tests. Users can select from 3 B cycles (134 ,°134 ,°121° Prion) and 2 fast B cycles (134° fast, 134° Prion fast) fully compliant with EN 13060, reducing sterilization time for small loads by up to %30. N (N134) and S (S134) cycles are also available and can be activated securely via password.

PROGRAMMABLE CYCLE SCHEDULING

The ST10 enables users to schedule sterilization cycles and tests to start at specific times, optimizing clinic workflow. This feature allows the vacuum test to run before the clinic opens, with the flexibility to initiate additional tests or sterilization cycles as needed, ensuring efficient and uninterrupted operation.

SCHEDULED TEST REMINDERS

The ST10 features a customizable reminder system that alerts users when it's time to run test programs at set intervals. This ensures proper monitoring, simplifies clinic management, and supports safe, reliable operation at all times.

LED CYCLE STATUS INDICATORS

The ST10 features LED lights in the handle area that provide instant visual feedback on the sterilization cycle status. Colors indicate the current phase: blue for running, green for sterile, red for non-sterile, and orange for sterile but not yet dry, allowing users to monitor cycles at a glance.





Comprehensive Traceability System

The ST10 streamlines the management and archiving of sterilization results through fully integrated digital and paper-based traceability. All cycle data is automatically saved to the standard USB drive and can be transferred to a PC using the built-in Ethernet or WiFi connections. Additionally, two optional printer types are available for producing label-based cycle records, ensuring clear and efficient documentation.

Print Set 1

Internal printer with thermal paper, for accessing paper-based cycle recording, for keeping records

Print Set 2

Internal printer for adhesive labels, for labelling loads securely with the possibility of printing barcodes as well.

Print Set 3

External printer for adhesive labels, for printing large quantities of adhesive labels, including barcodes.



Digital Traceability Made Easy

Fully compliant with EN 13060, the ST10 offers flexible data storage options. All sterilization information can be saved directly to a USB drive for convenient transfer to a computer, or accessed through Ethernet or WiFi connections for seamless digital record management.

Advanced Digital Traceability & Load Validation

The ST10 provides comprehensive digital traceability fully compliant with EN 13060, offering multiple storage options. Users can save all sterilization data to a USB drive for easy transfer to a computer, or access records through Ethernet or WiFi for seamless digital management.

Additionally, the system includes a load validation and release feature, allowing operators to digitally confirm the conformity of the sterilization process during both loading and unloading. After verifying pouch integrity, dryness, instrument condition, and adherence to sterilization parameters, the load can be officially validated for use.

Flexible Printer Configuration Options

The ST10 features an expandable traceability system that supports three different printer types to suit various documentation needs. Print Set 1 and Print Set 2 can be installed directly on the front of the autoclave without requiring extra space, while Print Set 3 is designed for external placement. This flexibility allows users to tailor their printing setup to their workflow and record-keeping preferences.



E-Memory: Complete Digital Archiving & Traceability

E-Memory is a comprehensive software solution designed for full archiving, management, and traceability of all sterilization cycle data directly on a PC. It can automatically, semi-automatically, or manually collect cycle information and store it on the computer, where the data can be easily organized, searched, printed, or emailed as needed.

The software enables tracking and reviewing cycle records from multiple devices involved in the sterilization workflow—including thermodisinfectors, sealers, and autoclaves—offering a unified view of the entire process.

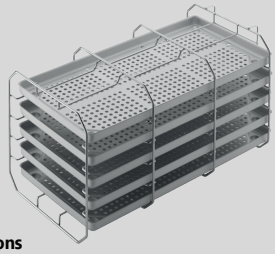
With its user-friendly interface, E-Memory simplifies data consultation and allows quick sharing of selected cycles with technical support. It can also generate detailed reports and PDF certificates featuring custom headers, logos, and user information for complete professional documentation.

Optimized Load Capacity

The ST10 supports a maximum load of bagged solids up to 4.5 kg for the 18-liter version and 6 kg for the 24-liter version. To adapt to different sterilization needs, it offers multiple loading options: the standard 5-tray holder, plus 2 optional tray holders for the 18-liter model and 3 optional tray holders for the 24-liter model, ensuring flexible and efficient use of space.

Versatile Standard Tray Holder

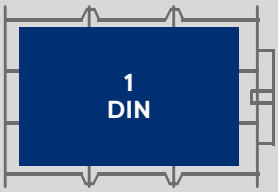
The ST10 comes with square-paneled stainless steel tray holders designed to accommodate 5 standard aluminum trays, available for both 18- and 24-liter versions. When rotated 90°, the holder can also fit 3 rows of bagged cassettes, providing flexible loading options. Five trays are included as standard.



Dimensions
18 L tray holder: 19.5 x 19.5 x 30 cm (wxhxd)
18 L tray: 18.5 x 2 x 28 cm (wxhxd)
24 L tray holder: 19.5 x 19.5 x 40 cm (wxhxd)
24 L tray: 18.5 x 2 x 38 cm (wxhxd)

SUGGESTED CONFIGURATIONS

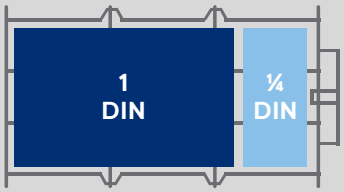
For the 18 L version



1 x 1 DIN cassette x 3 compartments

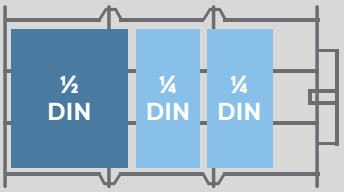
Total cassettes: 3 x 1 DIN
Total DIN: 3 DIN
Load to be sterilized*: 2 Kg

For the 24 L version



1 x 1 DIN cassette + 1 x ¼ DIN cassette x 3 compartments

Total cassettes: 3 x 1 DIN + 3 x ¼ DIN
Total DIN: 3 DIN and ¾
Load to be sterilized*: 3.5 Kg

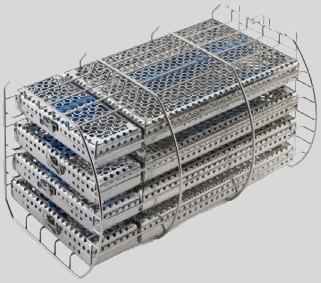


1 x ½ DIN cassette + 2 x ¼ DIN cassette x 3 compartments

Total cassettes: 3 x ½ DIN + 6 x ¼ DIN
Total DIN: 3 DIN
Load to be sterilized*: 3.5 Kg

Tray holder for cassettes

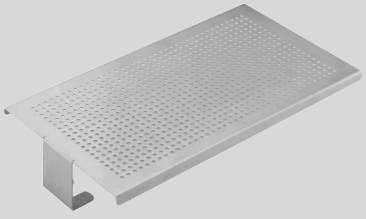
The curved steel tray holder allows the insertion of 5 standard aluminium trays or, when rotated 90°, 4 x 1 DIN and 4 x ¼ DIN bagged cassettes for the 24 L version or 4 x 1 DIN bagged cassettes for the 18 L version. Trays not included.



Dimensions
18 L version: 19.5 x 22.5 x 30 (wxhxd)
24 L version: 19.5 x 22.5 x 40 cm (wxhxd)

Universal support surface

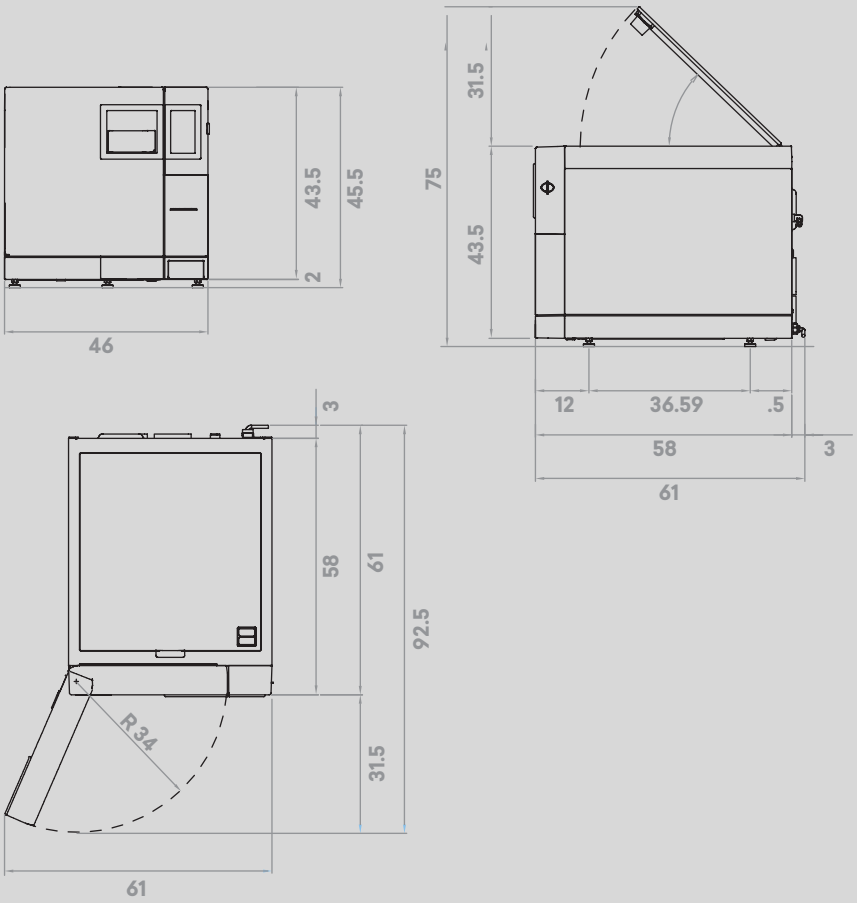
Steel support surface suitable for larger loads.
To be installed directly in the boiler, after removal of the supplied tray holder.



Dimensions
18 L version: 19.5 x 5.5 x 25 cm (wxhxd)
24 L versions: 19.5 x 5.5 x 35 cm (wxhxd)

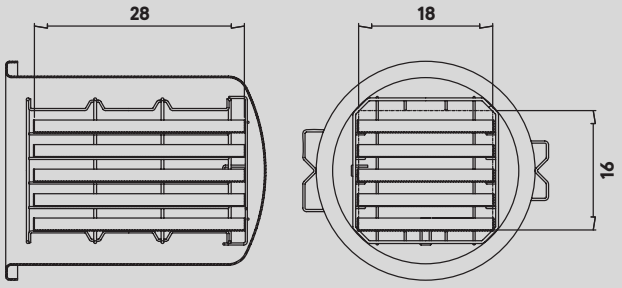
DATA SHEET

DIMENSIONS AND FOOTPRINT (CM)



CHAMBER SIZE (CM)

18 L VERSION CHAMBER SIZE (CM)



24 L VERSION CHAMBER SIZE (CM)

