ED Series

Drying and Storage Cabinets for Endoscopy



Steelco

Miele Group Member

Global Manufacturer and Supplier for Cleaning and Sterilization Solutions

Born from Steelco and Belimed, SteelcoBelimed pioneers sterile workflow solutions with innovation, reliability, and customer focus. “Innovate with confidence” defines our commitment to high-quality products and services, setting new industry standards in Infection Control and Life Science.

Customer Centricity

Our commitment to fully understand customers’ needs and satisfaction is prioritized.
Our products and services are designed to meet those specific needs, ensuring every decision we make benefits our customers for the best results.

Innovation

Our dedication to progress drives us to constantly seek out and embrace new ideas, technologies and methods.
This commitment ensures our products and services continually evolve and improve.

Sustainability

Our planet, our responsibility.
At SteelcoBelimed, sustainability is embedded in everything we do: from optimizing production processes and reducing energy consumption to creating products that support environmental stewardship.
For us, protecting the future means acting today. With integrity, purpose, and a deep respect for people and the planet.

Reliability

Our commitment is to achieve the highest levels of productivity through the optimisation of processes, resources, and operations.
By consistently delivering dependable solutions, we ensure value creation while minimizing inefficiencies.
Our objective is to establish enduring relationships founded on trust, integrity, and mutual respect by reliably fulfilling our commitments.

SteelcoBelimed

Miele Group Member

ED Series
Aseptic Vertical and Horizontal Drying and Storage for Flexible Endoscopes

Following effective cleaning and disinfection in an automated endoscope reprocessor and maintaining the microbiological integrity of endoscopes during storage is fundamental in reducing cross contamination risks. Steelco ensures this in a number of ways.

Tailored customization – horizontal or vertical storage, a scope capacity of up to 18 endoscopes, single or double interlocked doors for pass-through versions – combined with HEPA H14 drying efficacy, and full traceability provide optimal performance and workflow optimization.

Designed to comply with latest standards:

European Directive for Medical Devices:
- 2017/745 (EU) Medical Device Regulation (MDR)

Technical norms and standards:
- UNI EN 16442 Controlled environment storage cabinet for processed thermolabile endoscopes



ED 100

8 endoscopes capacity
- Horizontal storage
- Single or double door/s



ED 150

9 or 18 endoscopes capacity
- Vertical storage
- Single or double door/s
- Double cabinet configuration



ED 200

8 or 16 endoscopes capacity
- Horizontal storage
- Single or double door/s
- Double cabinet configuration



ED 250

9 or 18 endoscopes capacity
- Vertical storage
- Single or double door/s
- Double cabinet configuration



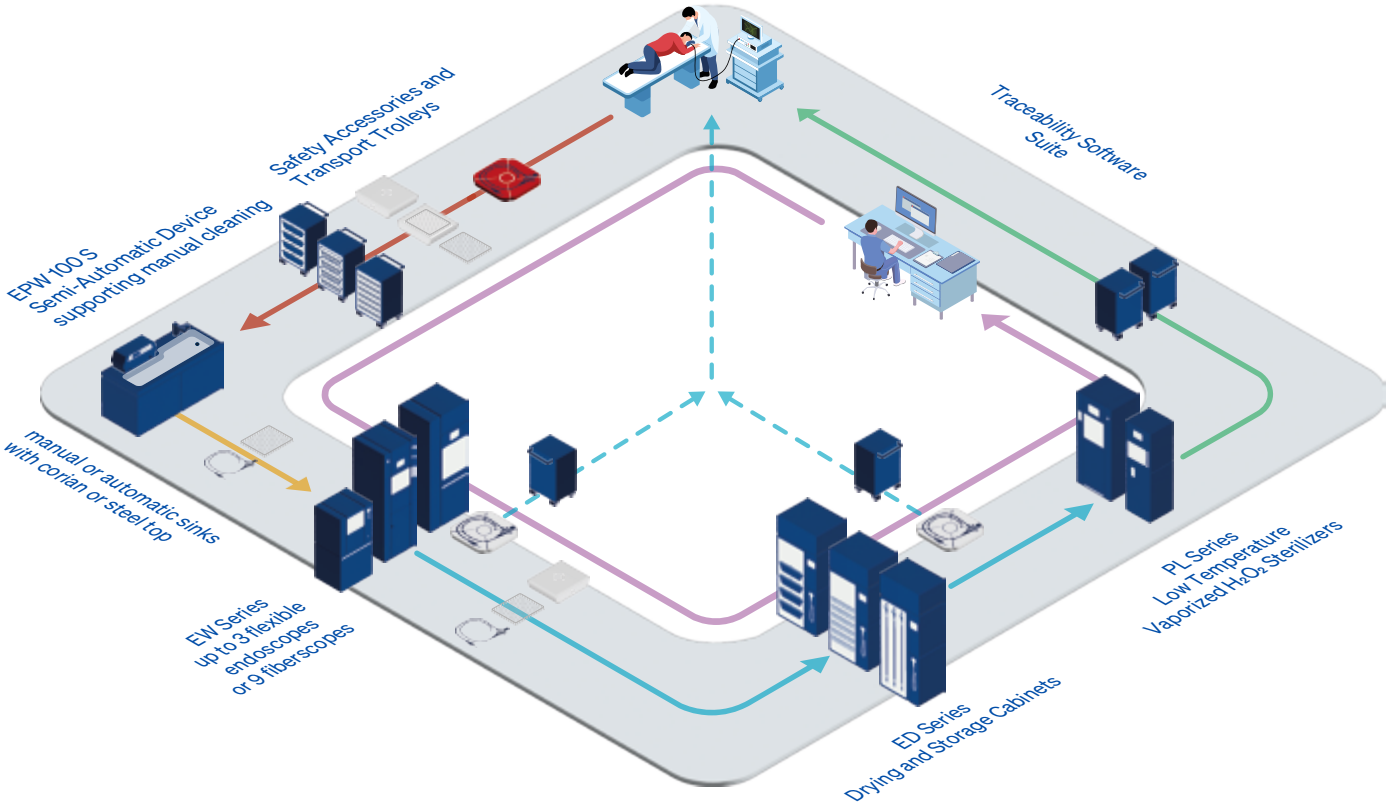
ED 200 S

8 or 16 endoscopes capacity
- Horizontal storage
- Single or double door/s
- Double cabinet option
- OCS technology

A Complete System
Covering the Entire Workflow of Endoscope Reprocessing

A holistic approach ensures the highest safety and efficiency standards for your endoscopy departments, regardless of their size and application focus (gastroenterology, urology, pneumology, ENT, and cardiology).

Our portfolio includes devices for endoscopes pre-cleaning, washing, disinfection, drying, storage, and sterilization. Explore it and learn how we can support you in delivering the safest patient care and infection prevention in your endoscopy and CSSD departments.



Key Advantages

Full Compliance

Our AERs have been designed to fully comply with ISO 14937 and/or ISO 15883 standard for low temperature washing and high-level disinfection or liquid sterilization of flexible endoscopes. Results have been independently certified by duly accredited third-party laboratories.

All devices are manufactured in stainless steel for optimal hygienic perfomances, and grant automatic and programmable thermal self-disinfection cycles: the preferred method according to ISO 15883-4.

Complete Workflow Solutions

Whatever the sizes and layout of your endoscopic department, we help you plan, manage, and optimize the workflow to best ensure efficiency, productivity, and cost-effective operation.

With this aim, we do not simply offer endoscope reprocessing devices but a complete and integrated reprocessing system with carefully designed accessories.

Efficiency

Connecting endoscopes channels with one gesture: OCS technology, a one-time connection system shared between prewashing, washing/disinfection, and drying/storage devices.

This fast, ergonomic, and user-friendly technology allows one-time endoscope handling and channel connection, simultaneously ensuring three times faster connection

Safety

Our RFID hands-free process starts from prewashing units to AERs and Drying Storage Cabinet. Traceability identification of operators and scopes is made safe with the touchless use of bracelets or badges.

No need to touch the device control panel anymore, thus reducing potential cross-contamination risks and enhancing nurses' and patients' safety.

Small Endoscopy Clinics

High Productivity in a Small Footprint

Steelco drying cabinets are designed to store flexible endoscopes, and respond to the needs of both small clinics and endoscopy departments of big hospitals dealing with significantly high throughput.

The ED 100 and ED 150 models introduce the Steelco series, and are also available in a double door version for pass-through applications.





CSSD

Integration of Endoscope Reprocessing

Thanks to the flexible configuration of the ED series, Steelco offers turnkey solutions also for those hospitals that have decided to centralize the endoscopy reprocessing activity inside their CSSDs. The ideal choice to boost hospital efficacy by exploiting synergies linked to personnel training and availability.

The ED 200, ED 250, ED 200 S devices - in their pass through versions - respond to the need for separate and high productivity areas, and provide the complete traceability of endoscopes thanks to the SteelcoData software.





Gastroenterology

The increasing number of screening and prevention programs demand hospitals to be able to improve the safety and throughput of endoscope reprocessing. Steelco has developed cutting-edge solutions for the high-level disinfection and liquid sterilization of endoscopes used in this application (gastroscopes, colonoscopes, duodenoscopes, ultrasound endoscopes, etc.).

Urology and Gynaecology

Cystoscopes allow the intervention of the urinary tract. Steelco has developed dedicated solutions allowing the high-level disinfection, liquid sterilization, and terminal low-temperature sterilization of cystoscopes.

Pulmonology

Bronchoscopes allow fast and minimally-invasive procedures in the respiratory tract. Steelco has developed dedicated solutions allowing the high-level disinfection, liquid sterilization, and terminal low-temperature sterilization of bronchoscopes.

ENT

Despite being less complex than GI endoscopes, the reprocessing of ENT endoscopes is moving towards the same standards used in gastroenterology. Steelco has developed dedicated solutions allowing the high-level disinfection, liquid sterilization, and terminal low-temperature sterilization of ENT endoscopes.

Cardiology - with Safe Case

Traditional manual reprocessing protocols for TEE probes do not provide optimum hygienic standards. To improve reprocessing safety and hygienic standards Steelco has developed dedicated solutions for the high-level disinfection of TEE probes.

ED 100, ED 200 Series
Horizontal Drying and Storage Cabinets

Drying and storage cabinets protect from the risk of contamination before reuse, and maintains aseptic conditions, thus keeping endoscopes microbiologically safe and ready to use.

ED 100 and ED 200 ensure endoscopes' optimal drying and storage by blowing filtered air through the scopes' channels and on their external surfaces. Endoscopes are connected to the drying circuit through specific CPC connectors. HST-temperate double-glass hinged doors can be configured with right or left opening.





Air filtering

The ED Series is fitted with HEPA H14 and 0,2 micron filters for ultimate safety. Built in air compressor or connection to external medical compressed air depending on model configuration.

Convenient access to ease filters changing procedures.

Barcode or RFID option

Faster endoscope and operator recognition through barcode or RFID reader options.

Not available for ED 100.

Microbiological integrity

ED Series has been independently validated by european certified laboratories for maintaining aseptic integrity up to 720 or 840 hours (depending on each specific model), providing you with greater safety when storing your endoscopes.

UV light treatment

Indirect UV drying air treatment as an option.

Channel connection

Endoscope connection can be automatic with plastic cassettes or manual with stainless steel trays and CPC connectors.

ED 100 configuration

- LED display
- 8 levels capacity, up to 9 levels as an option
- Mesh baskets with lower trays for water dripping
- Single door or pass through versions
- HST temperate double glass hinged doors can be configured with right or left opening

ED 200 configuration

- Touch screen display with endoscope status
- 8 endoscopes capacity
  16 endoscopes for double cabinet version*
- Endoscope cassettes or mesh baskets with lower trays for water dripping
- Single door or pass through versions
- Integrated printer
- Traceability Software

* 9 levels capacity as an option only for stainless steel mesh trays version

Endoscope status
Display View

The software monitors the status of the endoscopes thanks to colour coded alerts.

- Drying
- Available for use
- Storage time pre expiry alarm
- Storage time limit expired



ED 150, ED 250 Series
Vertical Drying and Storage Cabinets

This Series of drying cabinets with vertical storage is available in different storage configurations: with a single cabinet or a side-by-side double cabinet module, in both single- and double-door versions. The former version allows the drying and storage of up to 9 endoscopes, the latter of up to 18 endoscopes.

Endoscopes are connected to the drying circuit through specific CPC connectors.





ED 150 configuration

- LED Display
- 9 endoscopes capacity,
  18 endoscopes capacity for double cabinet version
- Single door or pass through versions
- HST temperate double glass hinged door can be configured with right or left opening

ED 250 configuration

- Touch screen display with endoscope status
- 9 endoscopes capacity
  18 endoscopes capacity for double cabinet version
- Single door or pass through versions
- Integrated printer
- Light inside the chamber as an option
- Traceability Software



Air filtering

The ED Series is fitted with HEPA H14 and 0,2 micron filters for ultimate safety. Built in air compressor or connection to external medical compressed air depending on model configuration.

Convenient access to ease filters changing procedures.

Barcode or RFID option

Faster endoscope and operator recognition through barcode or RFID reader options.

Not available for ED 150.

Microbiological integrity

ED Series has been independently validated by european certified laboratories for maintaining aseptic integrity up to 720 or 840 hours (depending on each specific model), providing you with greater safety when storing your endoscopes.

UV light treatment

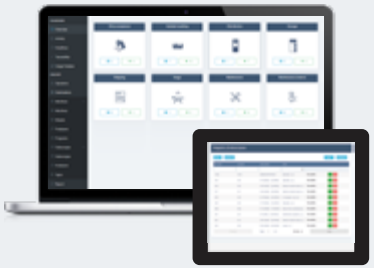
Indirect UV drying air treatment as an option.

Channel connection

Manual endoscope connection with CPC connectors. The sliding holder design allows easy access from either side of the cabinet in a compact footprint.

Full Traceability
For both Dryers and Endoscopes

Complete endoscope reprocessing traceability with SD Ares: a web-based and cloud-ready traceability software designed explicitly to track and monitor each activity implemented in your endoscopy department.



ED 200 S Series
Horizontal Drying and Storage Cabinets with OCS Technology

The ED 200 S Series drying cabinets with horizontal storage are designed to protect reprocessed endoscopes from contamination before reuse. They provide effective drying and storage of external surfaces by circulating filtered air through endoscope channels via the One-Time Connection System (OCS), technology shared with our AER “S” devices.

Available as single or double cabinet modules with single or double interlocked doors, the ED 200 S Series can store up to 8 or 16 endoscopes.







Air filtering

The ED Series is fitted with HEPA H14 and 0,2 micron filters for ultimate safety. Built in air compressor or connection to external medical compressed air depending on model configuration.

Convenient access to ease filters changing procedures.

Barcode or RFID option

Faster endoscope and operator recognition through barcode or RFID reader options.

Microbiological integrity

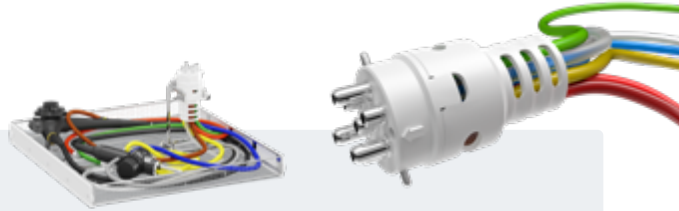
Steelco ED series has been independently validated by european certified laboratories for maintaining aseptic integrity up to 720 or 840 hours (depending on each specific model), providing you with greater safety when storing your endoscopes.

UV light treatment

Indirect UV drying air treatment as an option.

Key features

- Touch screen display with endoscope status
- 8 endoscoscopes capacity; 16 scopes capacity for double cabinet version
- Sliding shelves with stainless steel trays
- Fully accessible female OCS connection for an ergonomic and effortless endoscope connection and disconnection, and to minimize endoscope handling
- Direct connection to external medical grade compressed air
- Single door or pass through versions
- Integrated printer
- Traceability Software
- AERs “S” Series baskets fully compatible with ED 200 S



OCS Technology
Channel Connection

Sliding levels with fully accessible female OCS connections. This fast, ergonomic, and user-friendly technology allows one-time endoscope handling and channel connection, simultaneously ensuring three times faster connection.

Flexible washing cart configuration depending on the “S” model of AER chosen.



Endoscopy Accessories
Safe and Systematic Reprocessing

Supporting safe, compliant, and efficient endoscopy workflows with trusted consumables, reprocessing solutions, and endoscope protection systems.

Designed for the demands of modern healthcare environments, these consumables help hospitals and endoscopy departments optimize workflow efficiency, strengthen infection prevention practices, and support patient safety.

Workflow Solutions
Accessories and Transport Trolleys

To improve and maximize safety, thus reducing cross contamination risk, the T361 trolley is equipped with 4 standard shelves for transporting trays or cassettes, as an option it can reach up to 6 shelves.



Safety Accessories
Endoscope Housing

White storage cassette with lid, compatible with T361 transportation system are available. Tamper proof seals for an easy colour code identification of dirty (red) or clean (green) endoscopes for storage cassettes.



Single-use Sterile Tray Liners
Protecting Scope Integrity

Support safe endoscope handling and transportation with single-use sterile liners.
Green or red colour-coded covers help easily identify clean/contaminated scopes and prevent cross-contamination, thus protecting patients.



Capacity and Dimensions
Layouts and configurations

Model **single** device		Overall dimensions		
Single door		W	D	H
ED 100/1	mm	712	786	1905
ED 150/1	mm	968	810	2270
ED 200/1	mm	968	810	1908
ED 200/1 S	mm	968	810	1908
ED 250/1	mm	968	810	2270
Double door				
ED 100/2	mm	712	837	1905
ED 150/2	mm	968	845	2270
ED 200/2	mm	968	845	1908
ED 200/2 S	mm	968	845	1908
ED 250/2	mm	968	845	2270

Model **combined** device		Overall dimensions		
Single door		W	D	H
ED 150/3	mm	1713	810	2270
ED 200/3	mm	1705	810	1908
ED 200/3 S	mm	1705	810	1908
ED 250/3	mm	1705	810	2270
Double door				
ED 200/4	mm	1705	845	1908
ED 200/4 S	mm	1705	845	1908
ED 250/4	mm	1705	845	2270

Maximized performance
with SteelcoBelimed's experts

Service Plans

Prevention is better than cure. Our tailored service plans ensure maximum equipment uptime through customized preventive maintenance based on machine usage. Whether you rely on in-house technicians or our expert team, different solutions may include scheduled preventive maintenance visits, repairs and parts, depending on the options chosen. Optional enhancements, such as chamber cleaning and water quality monitoring, help optimize performance and control costs – keeping your operations running smoothly and efficiently. Ask your local SteelcoBelimed representative for the range of services offered in your area.

SteelcoBelimed Academy

The SteelcoBelimed Academy offers a diverse range of training options tailored to the specific needs of CSSD professionals. The state-of-the-art training facility in Riese, Italy, serves SteelcoBelimed divisions Infection Control, Laboratory, and Biomedical Research (BMR) with an impressive capacity to train up to 1,100 service technicians annually. The Academy represents our commitment to advancing the entire field of sterile processing. Healthcare professionals who train here will gain insights that go beyond equipment operation to encompass the science of infection control and the optimization of sterile processing workflows. This knowledge translates directly to improved patient safety and operational efficiency in their facilities.

Total Cost of Ownership (TCO) Contracts

Our TCO contracts offer a multi-year, fixed-cost service solution that ensures budget stability and long-term value. By locking in rates and minimizing exposure to rising costs, these contracts provide clear financial planning. Ideal for extending the life of your equipment, these all-inclusive packages reduce operating costs, protect investments and support sustainability goals over the entire equipment lifecycle.

Digitalization in Service Operations

Our digital solutions provide access to real-time equipment data, helping service teams monitor performance and more quickly identify any potential issues. Clear dashboards and automated alerts allow maintenance to become more predictive and efficient. These tools support better planning, reduce unexpected downtime and simplify compliance. By integrating digital workflows into service routines, facilities can improve reliability and make more informed decisions based on actual usage and performance trends.

SteelcoBelimed Miele Group Member

Innovate with confidence

DC-PD-02-Steelco ED Series EN Rev.02.pdf
Products offered for sale may differ from those described or illustrated in this brochure due to later production changes or/and optional configurations.
The products and technical specifications are subjected to change without prior notice. Please consult your Steelco dealer for the latest information.

Steelco S.p.A.
Via Balegante, 27 - 31039
Riese Pio X (TV) - Italy

steelcobelimed.com

CE