SIGER



STEAM STERILIZER

EGO series · AMI series

Dedicated design
▪ Outstanding functionality

We are concentrated on providing a better choice.



SIGER EGO
STEAM STERILIZER

Steam infusion

› Unique steam diffusing solution ensures an evenly heating up inside the sterilization chamber;

Unique air-water separating system

› Unique air-water separating system enhances system efficiency and reliability;

“HAFS” Hot Air Forced Circulation

› HAFC system (Hot Air Forced Circulation) improves the dry efficiency significantly;

“POST-DRY” program delivers extra-dry

› Original POST-DRY program delivers extra-dry and cool instruments even without opening the door;

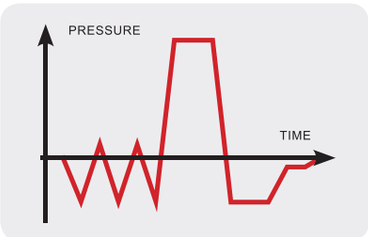
High-speed process-controller

› High-speed process-controller and the special hydraulic circuit allows the autoclave to perform a Quick Class-B cycle in only 20 minutes.



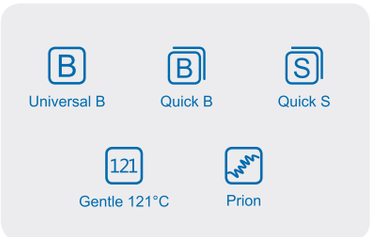
EGO

Sterilization cycle with high performance and reliability



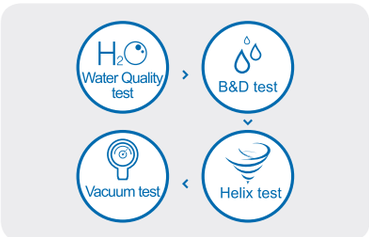
European Class B model

› European Class B model, with 3-stage pre-vacuum process.



5 sterilization cycles

› 5 sterilization cycles available to meet the customers' different needs.



4 test programs

› 4 test programs onboard which is easy to test the sterilizer performance and working environment.



"THT"process validation system

› THT process validation system monitors the temperature and pressure in real time, thus ensures the validity of the sterilization.



RS485 serial port

› Universal RS485 serial port allows the user either to connect the autoclave to a label printer, or to a PC to monitor and test the validation of the sterilization cycles.



Auto-start cycle

› Auto-start cycle enables the user to start a cycle at any specific date/time.



EGO

Excellent traceability



Large capacity data logger

› Standard large capacity USB disk can store more than 1 million sterilization records.



Onboard printer

› Onboard printer automatically prints the sterilization data and result at the end of each cycle.



Barcode label printer (optional)

› Ensures the identification and traceability of every single sterilization pack.

Effective security protection

› Pressure sensor can be accurate to 1mbar which monitors the pressure in real time.

› Double overpressure protection ensures the safety of sterilization process.

› Italian safety valve will release the pressure automatically during overpressure.

› With automatic over-temperature protection device to avoid accidents caused by excessive temperature.

› Double door lock safety protection can prevent misoperation and reduce the risk factor.

EGO

Ergonomic design



Color touch screen

- Color touch screen with excellent sensitivity and intuitive navigation.
- Showing the data of the sterilization cycle progress and errors in real time.





Waste water discharge

- Automatic: connect the pipe to the outlet at the back, waste water will be discharged automatically.
- Manual: connect the pipe to the outlet in the front panel to discharge the waste water manually when the warning message pops up on the display.



Servo-assisted electric door

- EGO 17B+, EGO 23B+ are our servo-assisted electric door model, easy and extra-safe.



Super large clean water tank

- 5L built-in clean water tank allows the user to perform 10 sterilization cycles;
- Built-in water quality sensor and built-in float switch;



EGO-17B+



EGO-17B



EGO-23B+



EGO-23B

SIGER AMI
STEAM STERILIZER

European Class B model

European Class B model, with
3-stage pre-vacuum process.

A Unique Vacuum Pump

A unique vacuum pump with cooling system
can improve the performance of vacuum.



Unique Air-water Separating System

Unique air-water separating system
enhances system efficiency and reliability.

Steam Infusion

Unique steam diffusing solution ensures an evenly
heating up inside the sterilization chamber;

AMI

Great reliablity

Color touch screen with excellent sensitivity

- It is simple to select the sterilization cycle through the intuitive graphical button.
- It is easy to read the pressure curve in real time during the cycle from the high-brightness LED digital display.

Hygienic and practical water tank design



5L built-in clean water tank allows the user to perform 10 sterilization cycles.
Separating clean water tank from used water tank can avoid water contamination.
A fully open distilled water tank is inspectable and easy for cleaning and disinfection.

Easy door adjustment

- The adjustment of the door-tightness can be easily performed in 5 seconds.

Effective security protection

- Pressure sensor can be accurate to 1mbar which monitors the pressure in real time.
- Double overpressure protection ensures the safety of sterilization process.
- The safety valve will release the pressure automatically during overpressure.
- With automatic over-temperature protection device to avoid accidents caused by excessive temperature.
- Double door lock safety protection can prevent misoperation and reduce the risk factor.



Excellent traceability

AMI



Large capacity data logger

› Standard large capacity USB disk can store more than 1 million sterilization records.

Optional built-in printer

Optional built-in printer automatically prints sterilization data and results after each sterilization process. ‹





AMI-17B



AMI-23B

Accessories



›



›

Tray Handle

For taking out the Trays.



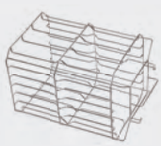
17L Tray

Dimension : 287x186x17mm



23L Tray

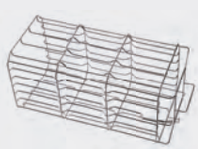
Dimension : 410x186x17mm



17L Sterilization Rack

Space between each layer : 42mm

Dimension : 350x193x193mm



23L Sterilization Rack

Space between each layer : 22mm

Dimension : 432x193x193mm

› Rotate the sterilization rack to contain 3 regular trays or 6 regular trays.

Sealing machine X330



Excellent performance

- The special heater makes the sterilization bag evenly heated and has good sealing performance.
- The 12mm sealing band makes a stronger seal.
- Built-in stainless steel blade makes a flat cutting.



Better using experience

- The integrated design of the sealing machine is firm and stable.
- The optimized design of roller shaft makes the sterilization bag rolls smoothly.
- Bi-directional handle provides comfortable operation.

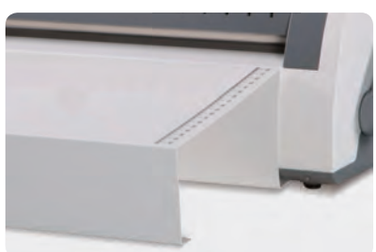


Easy machine maintenance

- Simple blade replacement saves maintenance costs.
- The clamp can be adjusted at any time to achieve a good sealing effect.
- The ASA plastic cover is not easy to age and discolor .

Ergonomic design

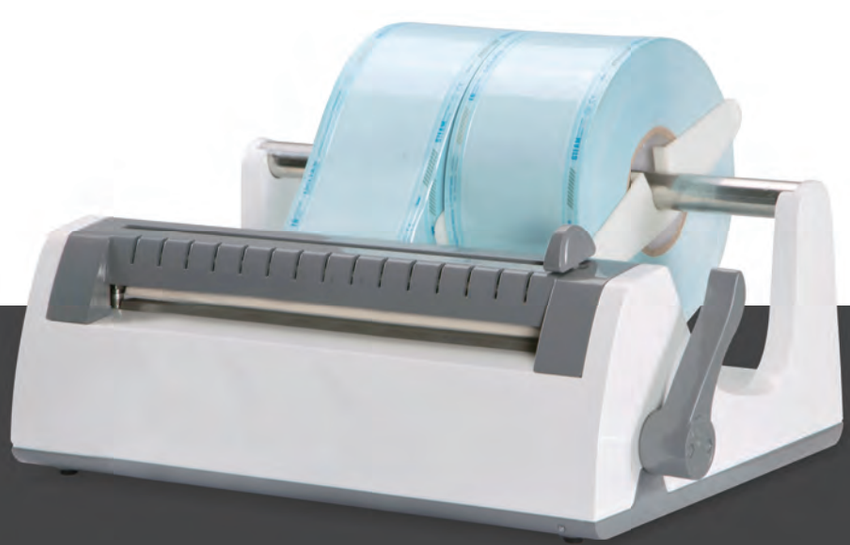
- Sealing machine goes to standby when it is not used for half an hour, which makes it safe and avoids wasting electricity.
- Optional tray layer with silkscreen graduated scale helps to pack multiple bags at the same time and get the dimension of the sealing bags.
- 34mm wide operation port can meet the needs of sealing various sizes of sterilization bags.





Options of Sterilization Paper Roll

- Dimension: 75mmx100mm 100mmx200mm 250mmx100mm



Water feeding system







FILLER-1 Manual water feeding system

- For all existing autoclave models on the market;
- Easy to install.It can be used after connecting the power cord water pipe to the autoclave;
- With a water dispenser,users can easily refill autoclaves of any different brands with softened water whenever necessary;
- Built-in water sensor. Once the water quality exceeds the limit,the red light is on;
- Wall mounted design.





FILLER-2 Automatic water feeding system

- It is designed for Siger EGO sterilizers;
- Autonomous re-filling the tank when the clean water is below the min level;no need to purchase bottled distilled water anymore;
- Easy to install. It can be used after connecting the power cord water pipe to the autoclave;
- It can serve two EGO autoclaves at the same time,independently;
- Built-in water sensor delivers notices whenever the water quality exceeds the limit;
- It can be mounted on the wall or on the side of the autoclave.

Easy To Replace The Cartridge



- Uncrew the filter bottle with the key.



- Take out the cartridge for replacement.

Filter Cartridge



- It is mainly used for the preparation and fine treatment of ultrapure water in the electronics industry.
- It has extremely high exchange capacity and wear resistance.
- It can produce high-purity silicon-free desalted water with resistivity higher than 15MΩ·cm.
- Packing specification: 10 cartridges/box

Parameter

Model	EGO-17B	EGO-17B+	EGO-23B	EGO-23B+	AMI-17B	AMI-23B
Voltage/Power	230V-2200W		230V-2300W		230V-2200W	230V-2300W
Chamber size	17L		23L		17L	23L
External dimension	450x460x560mm		450x460x660mm		450x460x560mm	450x460x660mm
Net weight	46 kg	47 kg	50 kg	51kg	45 kg	49 kg

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