



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;



“HAFC” 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;

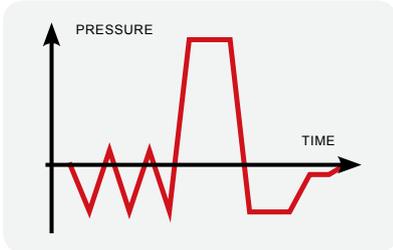


High-speed process-controller

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



► Sterilization cycle with high performance and reliability



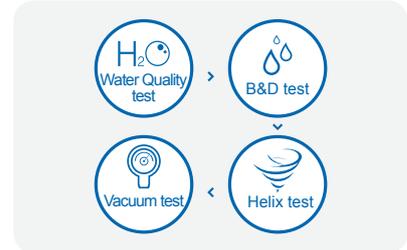
European Class B model

- 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.



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.

▶ 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

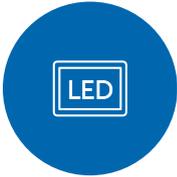
Unique air-water separating system enhances system efficiency and reliability.



Steam Infusion

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

▶ Great reliability



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

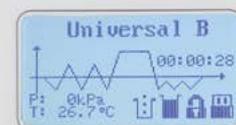
- › 5L built-in clean water tank allows the user to perform 10 sterilization cycles. <
- › Separating clean water tank from used water tank can avoid water contamination. <
- › A fully open distilled water tank is inspectable and easy for cleaning and disinfection. <



Easy door adjustment

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

SIGER



Excellent traceability ◀



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.



▶ 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.



AMI-17B



AMI-23B

▶ High quality core parts



German vacuum pump (EGO Series)

- > High performance, more stable operation.
- > Low noise, low vibration, providing a quieter working environment for sterilization.
- > Strong power makes sterilization more efficient.

Italian electromagnetic pump

- High efficiency and reliable. <
- Good sealing and easy to maintain. <



Italian solenoid valve

- > High pressure and abrasion resistance.
- > Low power consumption and long service life.

Italian drainage sub

- Convenient for quick unplugging. <
- Good sealing performance, leakage free. <



Accessories



Tray Handle

For taking out the Trays.



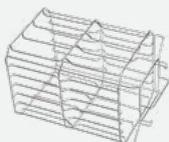
17L Tray

Dimension : 287x186x17mm



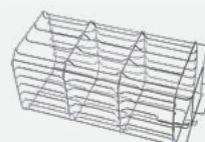
23L Tray

Dimension : 410x186x17mm



17L Sterilization Rack

Space between each layer : 42mm
Dimension : 320X200X200mm



23L Sterilization Rack

Space between each layer : 22mm
Dimension : 410x200x200mm

- > Rotate the sterilization rack to contain 3 regular trays or 5 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.
- ◀ 34cm wide operation port can meet the needs of sealing various sizes of sterilization bags.



Options of Sterilization Paper Roll

- ▶ Dimension: 75mmx100mm 100mmx200mm 250mmx100mm



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	450x450x560mm		450x460x660mm		450x450x560mm	450x460x660mm
Net weight	48 kg	49 kg	50 kg	51kg	46 kg	50.5 kg



Zhuhai Siger Medical Equipment Co., Ltd

Add: Building 2, No.1 Chuangxin Yi Road, Tangjiawan Town,
Zhuhai City,Guangdong Province, P. R. China.

Tel : 86-756-3881087 Fax : 86-756-3881028

E-mail : info@siger.cn Web : www.siger.cn

Facebook : Siger medical