

Steam Sterilizer

APOLLO Series

Power of efficiency



Simple yet elegant

Steam Sterilizer — Apollo Series

Apollo 23B / Apollo 29B



B

European Class B model

By completing the EN13060 safety test and a series of rigorous experiments, the Apollo 23B/29B steam sterilizer is proven to meet the highest European Class B standard. Equipped with a three-pulse pre-vacuum function, this sterilizer is capable of finishing a standard Class B procedure in just 35 minutes.



“THT” process validation system

The THT safety inspection system will compare the temperature and pressure with the European Class B standard in real-time during the sterilization process. This will ensure that every sterilization procedure is efficient and clinically effective.



Air-water separating system

A 620,000 mm² effective heat dissipation area can rapidly cool down the steam extracted from the cavity so that the water can be separated from the gas in a very short time. This fast-cooling procedure can effectively reduce the damage of high temperature steam to the equipment and extend the expected service life.



4.3 - inch color touch screen

Apollo sterilizer has a 4.3' full-color touch screen, powered with a self-developed smart control system. Users can choose from 5 major sterilization programs, each displays real-time sterilization data during the process. Additionally, the Apollo series has a sterilization appointment function, sterilization recording function, and further personalized settings to meet different user scenarios.



“POST-DRY” program

Once a sterilization cycle is completed, the post-drying program will be automatically triggered to cool down the cavity and create a dry environment. This could prevent the moisture buildup in the cavity that might lead to re-sterilization when accumulates.

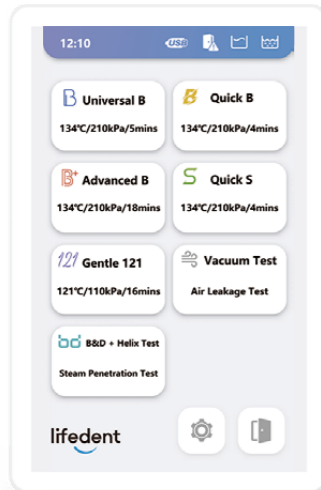


Effective security protection

The Apollo sterilizer has a 1-millibar high-precision pressure sensor, a dual overpressure protection system, an automatic overheat protection system, and a smart locking system. These configurations will allow the operator to monitor the status of the equipment more intuitively and ensure the safe operation of the equipment.

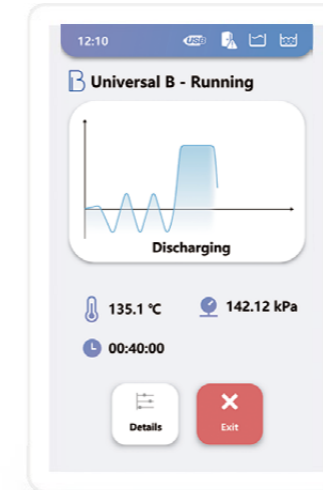
High-definition full-color touch screen,
a new experience of smart interaction

Keep every detail in record



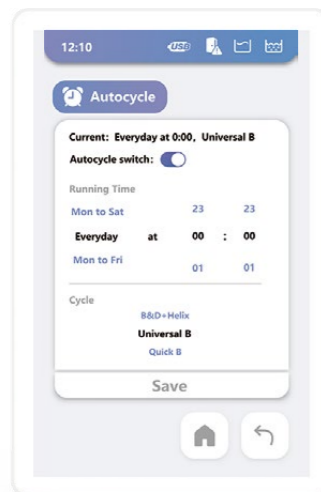
5+2 sterilization and testing programs

The Apollo steam sterilizer has 5 major sterilization programs and 2 testing programs, each built with unique operating parameters. After rigorous tests and verifications, the Apollo series is proven to meet the standard requirements easily in different user environments.



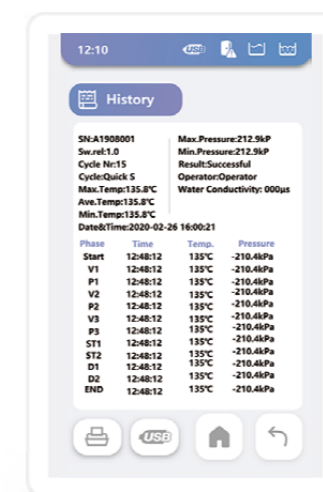
Present with caring details

During the operation of each Apollo sterilizer, the sterilization phase curve and other essential data will be displayed in real time on the device screen. Meanwhile, the built-in program will monitor the sterilization process and each component's status to ensure every cycle's safety and effectiveness.



Your smart helper of hygiene

The Apollo series provides users with a fully automatic appointment function based on ensuring absolute safety. During busy times in the clinic, just pack the instruments to be sterilized and put them into the cavity. The sterilization process can be automatically executed through the appointment function set in advance.



Easy review in multiple ways

After each sterilization process, the Apollo sterilizer will automatically store the result and relevant data inside the device. These records can be easily reviewed with a few clicks on the screen. In addition, each sterilization record can be printed through the built-in printer or exported to the external USB device.

IOT technology in dental clinics

By communicating with Sigercloud IOT platform, Apollo series can be supervised and managed via SigerCare APP. Additionally, users can call for maintenance services, make sterilization appointments and browse the sterilization history of a certain device on their SigerCare APP.



Apollo 23B/29B Steam Sterilizer



- Large heat dissipation diaphragm
- Efficient dual-fan cooling system



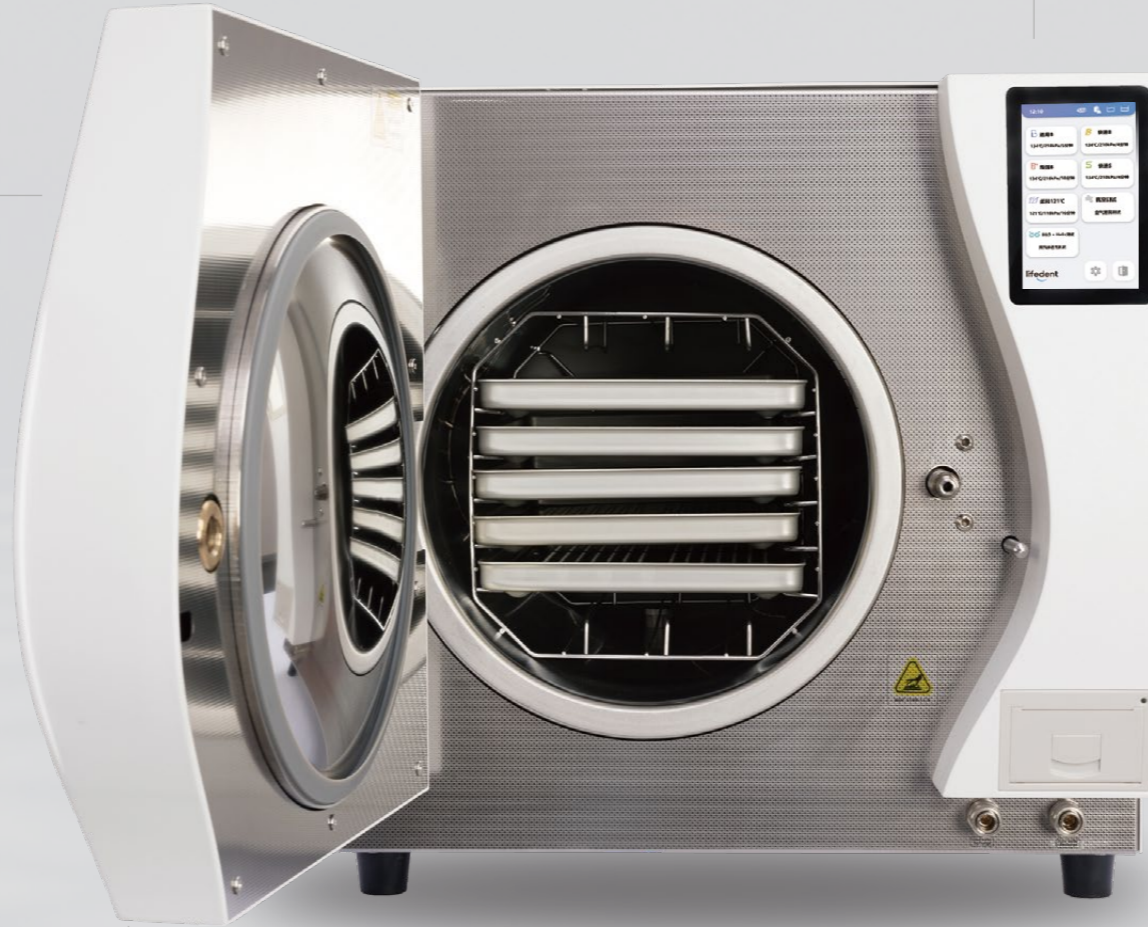
- Apollo 29B
Capable of containing two large-sized implant surgical instrument packs



- German-made vacuum pump
- Safe, reliable, and quick



- Electric door
- Dual-locking system to secure a safe sterilization environment



Apollo 23B standard with 5 trays



- Built-in water tank
- Automatic signal alarm for water shortage and abnormal water quality
- Optional automatic water supply solution



- Large-capacity USB flash drive
- Up to 1 million sterilization records are available



- Built-in thermal printer



- Dual drainage joint
- Automatic wastewater discharge

One-stop dental infection control solution



Parameters

| Model | Apollo 23B | Apollo 29B |
|--------------------|---------------|---------------|
| Power | 2300W | 3300W |
| Voltage | 220V-230V | 220V-230V |
| Frequency | 50/60Hz | 50/60Hz |
| Chamber size | 23L | 29L |
| External dimension | 692×451×455mm | 692×604×567mm |

Sealing Machine X330



Intuitive user experience

- Smooth wheel axle
- Two-way handle
- 12mm sealing band
- Flat and easy cutting granted by a stainless steel blade



One-step quick sealing

- Operating table with scale meter
- Durable ASA plastic
- Capable of sealing multiple bags simultaneously



Easy maintenance

- Firm and integrated device structure
- Optimized design of the roller shaft
- Ergonomic T-handle design



Various options for paper roll

- For instrument packing and sterilization
- Size options:
75mmx100mm
100mmx200mm
250mmx100mm



Water Filter EGO-FILLER2



Automatic water supply system

EGO-FILLER2 can receive water shortage signals from multiple sterilizers, and replenish purified water in time to improve working efficiency. EGO-FILLER 2 also supports various supply volumes to meet the needs of different sterilizers.

Long service life

The built-in filter element has a conventional lifespan of 24 months, and can continuously provide 4 tons of pure water once replaced, supporting 4,000 sterilization cycles. At the same time, the system has a built-in automatic reverse-flushing program, which removes impurities on the filter to ensure filtration efficiency and long-life usage.

Pure water source, safe and hygienic

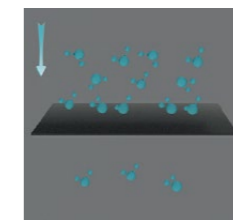
EGO-FILLER 2 adopts a four-stage fine filtration system and 0.0001 micron RO reverse osmosis membrane technology to deeply purify the incoming water. By blocking colloids, bacteria, and other microorganisms in tap water, can protect patients from the negative impact of substandard water sources.

Automatic rinsing technology

The filter is automatically cleansed by reverse flushing to ensure filtration efficiency and prolong its usage.

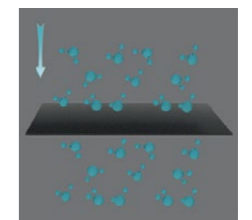
Parameters

Filtration mode: Ro reverse osmosis filtration
 Filter level: Four filtering levels
 Flow rate: 15L/h
 Product Specifications: 442x138x368mm
 Display: LCD display
 Outlet water conductivity: <15µs
 Rated total net water volume: 4000L



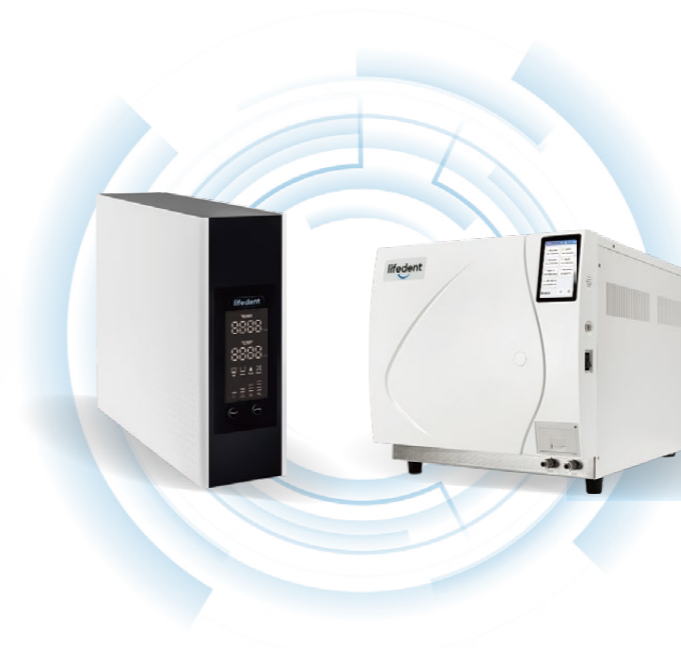
Pre-rinse

Impurities will clog the surface of the filter hole and reduce the volume of the water supply.



Post-rinse

Normal water supply is granted by the clean filter.



Available for Lifedent Apollo sterilizer series to achieve automatic water supply.