

# Elite High Pressure

# High Speed Sterilizer



## MODEL : EAC-4000D

## Energy saving ultra high speed sterilizer



Standard Accessories.  
Stainless Tray Set  
Heater guard

### ■ Large capacity model equipped with a drying pump in a 310φ, capacity 38.5ℓ chamber.

- Since it is a model equipped with a 310φ, 545mm chamber, it is possible to continuously sterilize long medical instruments and many instruments without intervals.

### ■ Equipped with a continuous sterilization system.

- The next sterilization work can be performed immediately after the work is completed without the need for the interval "cooling time" of the conventional high-pressure steam sterilizer. Like the built-in boiler It is excellent in terms of cost because it is not necessary to hold the can body at all times. Ideal for medical facilities with a large number of medical treatments or when urgent sterilization is required.

Also, by increasing the rotation efficiency of the medical equipment, this will lead to a reduction in costs.

Sterilization temperature 134 °C Sterilization 5 minutes / Drying 5 minutes With the shortest setting, continuous operation of sterilization & drying is possible. \* 1

### ■ Improvement of drying efficiency.

- When depressurizing when sterilization is completed, the drying pump starts at 0.05Mpa and sends air sterilized by a bacterial filter into the chamber to improve decompression efficiency and reduce excess steam in the sterilization chamber when decompression is completed.

- During drying, sterilized dry air warmed by a heater is sent into the chamber at 36/42 liters per minute to improve drying efficiency. \* 2

- The drying pump used is an oilless piston type pressure pump. Higher flow rate than conventional diaphragm pumps, and because it has a long life, performance and durability are dramatically improved.

- Since the drying time can be set to 0 minutes "zero setting", it can be used for dental turbines and other non-drying / unnecessary instruments. \* 1

### ■ Safety measures "Pressure safety system"

- If the power to this product is suddenly turned off, such as when the breaker trips during sterilization work, decompression work is automatically performed to keep the sterilization chamber safe.

- By turning off the power switch, the pressure in the sterilization chamber is automatically reduced in any case.

- In addition, it has a built-in no-water heating prevention and a pressure safety valve, so it can be used safely.

### Specification of EAC-4000D

Capacity and size of chamber	38.5 L / 310 mm (Diam) x 545 mm (Depth)	Door type	Fastened and loosened by a handle
Material of chamber	Stainless steel SUS 304 L	Outside dimensions (W x D x H mm)	575 x 620 (770) x 450 (Including handle)
Temperature setting range	124 °C / 134 °C, Switchable	Weight	62.0 Kg
System control	Microprocessor control	Required space (W x D mm)	605 x 660
Install program	Standard (medical equipment) sterilizing program	Water tank capacity	Built-in, 5.0 L
Operation mode	Auto (Sterilizing to dry) / Dry only, Selectable	Water feeding	One -touch button
Drying system	High pressure blow drying	Power supply / Power consumption	AC 220 V 50 Hz Single-phase / 2,220 VA
Heater capacity	AC 220 V / 2,000 W	Standard accessories	1 Rack, 1 Tray handle, 2 Trays, 1 Heater guard and Operation Manual, Warranty card.
Safety function	Pressure safety valve, Pressure safety system, Circuit breaker, No-water heating prevention.	Safety standard	IEC60601-1-2:2014

\*1 When an operation is stopped in emergency or the pressure is reduced by the safety system, the machine cannot be used soon. Wait for 15 min to restart the operation.

\*2 Bacteria filter should be changed periodically to keep the dry efficiency.

\*3 Depth includes with the door handle (770 mm).

\*4 Hissing sound will be heard while reducing pressure at final stage of sterilization.