

# Elite High Pressure

# High Speed Sterilizer



Since 1964 ISO 13485, 14971, 9001

TC A-Z-1-02-06-00

## MODEL : EAC-2200P

## Energy saving ultra high speed sterilizer



Standard Accessories.  
Stainless tray set

### ■ 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 up to 3 times per hour. \* 1

### ■ Improvement of drying efficiency.

- When depressurizing when sterilization is completed, the drying pump starts at 0.05 Mpa 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.

### ■ Simple operation panel

- The switch on the operation panel is as simple as sterilization time, drying time, water supply, pressure setting, and additional drying.
- All switches are independent and are designed with an emphasis on ease of use that does not require difficult operations.
- Since the sterility / drying time setting is digitally displayed on the panel for each setting, you can see the set time at a glance.
- Since the drying time can be set to 0 (zero), it can be used for dental turbines and other non-drying / unnecessary instruments. \* 1
- Since the time can be set with the ▲ ▼ buttons for each sterility / drying setting, you can use it with confidence without worrying about setting mistakes.

### ■ 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-2200P

Capacity and size of chamber	14.0 L / 220 mm (Diam) x 378 (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)	475 x 450 (600) x370 (Including handle)
Temperature setting range	124 °C / 134 °C, Switchable	Weight	35.0 Kg
System control	Microprocessor control	Required space (W x D mm)	505 x 490
Install program	Standard (medical equipment) sterilizing program	Water tank capacity	Built-in, 3.3 L
Operation mode	Auto (Sterilizing to dry) / Dry only, Switchable	Water feeding	One -touch button
Drying system	High speed compulsory blow drying	Power supply / Power consumption	AC 220 V 50 Hz Single-phase / 1,470 VA
Heater capacity	AC 220 V / 1,300 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 (600 mm).

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