

Elite High Pressure High Speed Sterilizer



MODEL : EAC-2255V

Energy saving ultra high speed sterilizer



Special mesh tray "Option"



Standard Accessories. Stainless Tray Set



Dedicated wagon, KD-30 "Option"

■ High-grade model equipped with a high performance drying pump in a 260φ, capacity 22.5ℓ chamber.

- It is equipped with a chamber with a frontage of 260φ x depth of 420mm and a capacity of 22.5ℓ. Two round casts with a diameter of 24 cm and a height of 15 cm can be stored with plenty of room..

■ 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.

- Equipped with a 56ℓ / min "High flow rate" drying pump that can sufficiently support a chamber capacity of 22.5ℓ.
- When depressurizing when sterilization is completed, disinfecting air is sent into the sterilization chamber at 0.05Mpa 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 sterilization room to improve drying efficiency. *2
- All the drying pumps used are our piston type oilless pressurizing pumps. High pressure and high flow rate unlike the conventional diaphragm type pump 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-2255V

Capacity and size of chamber	22.5 L / 260 mm (Diam) x 420 (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)	565 x 530 (680) x 410 (Handle is included)
Temperature setting range	124 °C / 134 °C, Switchable	Weight	48.0 Kg
System control	Microprocessor control	Required space (W x D mm)	595 x 570
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 / 1,770 VA
Heater capacity	AC 220 V / 1,500 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.		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 (680 mm).

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