

DW-EC Series Class B Table Top Autoclave

Advanced

1. Inductive closing door

Inductive vacuum inductive lid while closing, automatic lock releasing and open after sterilization.

2. High pressure hydraulic test

The instrument meets the latest national standards and has passed a water pressure test of up to 0.75Mpa(design test).

3. Steam generator

Powerful steam generator with fast heating speed.

4. Vacuum pump

Original imported vacuum pump from Germany, with good vacuum effect.

5. Reinforced steel plate

Sealing door with reinforced steel plate with a thickness of >8mm, effectively ensuring the safety of the sealing door.

6. Intelligent drying function

No need to set the drying time, the drying time can be controlled automatically by system based on the sample size.

Intelligent

1. Auto start up appointment

Can schedule sterilization and automatically start

2. F0 value calculation

F0 value is automatically calculated, can print out by micro-printer.

3. Program memory function

User can set their own program, and save in the system.

4. Control system

Smart microcomputer control system. fully automatic control the sterilization process.

5. Data reading and curve conversion

Provide USB interface for easy reading or storage of sterilization data. The sterilization data is converted into curves for easy data analysis.

6. Sterilization record storage

Built in large capacity memory, can store 999 sterilization cycles and can be queried, printed or exported for easy traceability management.

7. 5 level access permission

The operation permissions for instruments are divided into five levels, with each level of user having an independent password and multiple IDs that can be assigned. Each level of user has limited access to certain usage permissions.



Structure



Safe

DRAWELL has always prioritized safety since its establishment, adhering to the highest industry standards and providing multiple safety guarantees from design, manufacturing, use, application to service.

Smart interlocking: Only when the temperature and pressure are safe inside, can the door be opened. If the door is not closed in place, it cannot start working.

Water shortage prevention: Both the open water storage tank and steam generator are equipped with water level sensors, and automatic alarm for water shortage.

Double protection for over pressure: Equipped with a safety valve and overpressure protection system, if the pressure is abnormal, immediately release the pressure, cut power and send out alarm.

Over temperature and temperature rise protection: Power cut and alarm sent, if there is temperature is too high or temperature rising is abnormal.

Electrical protection: Prevention for over current, short circuit and electricity leakage.

Specifications

Model	DW-EC14GP	DW-EC18GP	DW-EC23GP
Capacity(L)	14	18	23
Dimension(L*W*H)(mm)	728x534x416	728x534x416	728x534x416
Chamber dimension(Dia*H)(mm)	Φ 230x358	Φ 246x397	Φ 246x483
Net weight	60kg	68kg	81kg
Rated power(W)	1500W		
Chamber material	S30408		
Sterilization temperature	115°C ~135°C		
Sterilization time range	1~999 min		
Appointment timer range	0~15 days		
Pulse times	1~5 times		
Exhaust mode	Automatic internal discharge		
Water tank capacity	8.5 L		
Drying	Drying temp.:80°C~180°C Drying time:1-300 min(Free of setting for smart drying)		
Vacuum	Vacuum degree<-92kpa Vacuum leakage rate<0.13kpa/min		
Safety valve set pressure	0.29MPa		
Sterilization mode	Fabric:Preheat→Vacuum→Heating→Pulse-Sterilizing→Exhausting→Drying→End Device:Preheat-Vacuum→Heating→Pulse-Sterilizing→Exhausting→Drying→End Liquid: Preheat-Heating-Sterilizing-Exhausting-End(Set by engineer account) Drainage: Heating-Sterilizing-Drainage-End(Set by engineer account) Drying: Drying→End BD test:Preheat-Vacuum→Heating→Pulse-Sterilizing→Exhausting→End Vacuum test:Vacuuming-Test-End		
Special function	USB port,printer can print temperature and pressure curve and FO valve(option)		
Controller	"Inspiration III" microcomputer intelligent control system		
Safety device	Lid closing checking, over temperature protection system,dry scorch protection. over pressure protection, safety valve, over current/short circuit/electric leakage protection,scald protection,automatic failure-inspection system		
Standard parts	Basket(1 pcs),Tray(5 pcs for 23L,4 pcs for 14L/18L)		
Option	Micro-printer,Sterilization box		