

# **DW-EC Series Class B Table Top Autoclave**

## Advanced

#### 1.Inductive closing door

Inductive vacuum inductiave 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 appointmen

Can schedule sterilization and automatically start

#### 2. F0 value caculation

F0 value is automatically caculated, 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

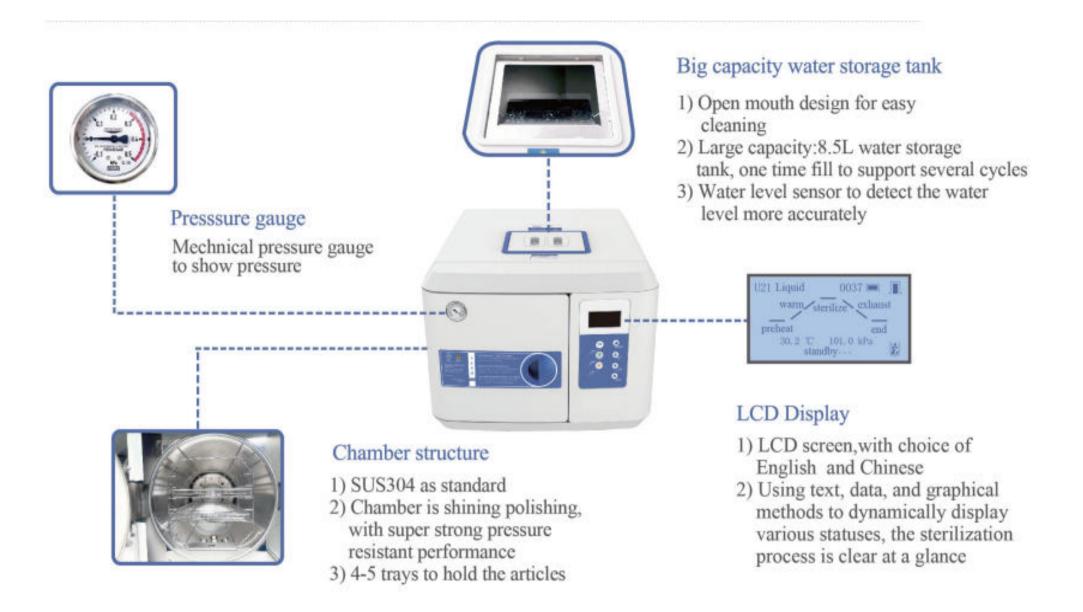
Built in large capacity memory, can store 999 sterilization cycles and can be queried, printed or exported for easy traceability management.

## 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**



## <u>Safe</u>

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.

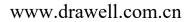
## Double protection for over pressure: Equipped with a safety valve and overpressure protection system,

if the pressure is abnormal, immediately release the pressure, cut power and send out alarm.

Over temperature and temperature rise protection: Power cut and alaraming sent,

if there is temperature is too high or themperature rising is abnormal.

Electrical protection: Prevention for over current, short ciucuit 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)	Ф 230х358	Ф 246х397	Ф 246х483	
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	0~15 days		
Pulse times	1~5 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→ Device:Preheat-Vacuum→H Liquid: Preheat-Heating-Ste Drainage: Heating-Sterilizing Drying: Drying→End BD test:Preheat-Vacuum→H Vacuum test:Vacuuming-Tes	eating→Pulse-Sterilizing→ rilizing-Exhausting-End(Se g-Drainage-End(Set by eng Ieating→Pulse-Sterilizing–	•Exhausting→Drying→End et by engineer account) ineer account)	
Special function	USB port, printer can print temperature and pressure curve and FO valve(option)			
Controller	"Inspiration III" microcomputer intelligent control system			
	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			
Safety device	<b>– –</b> –	utomatic failure-inspection	system	
Safety device Standard parts	<b>– –</b> –		system	

