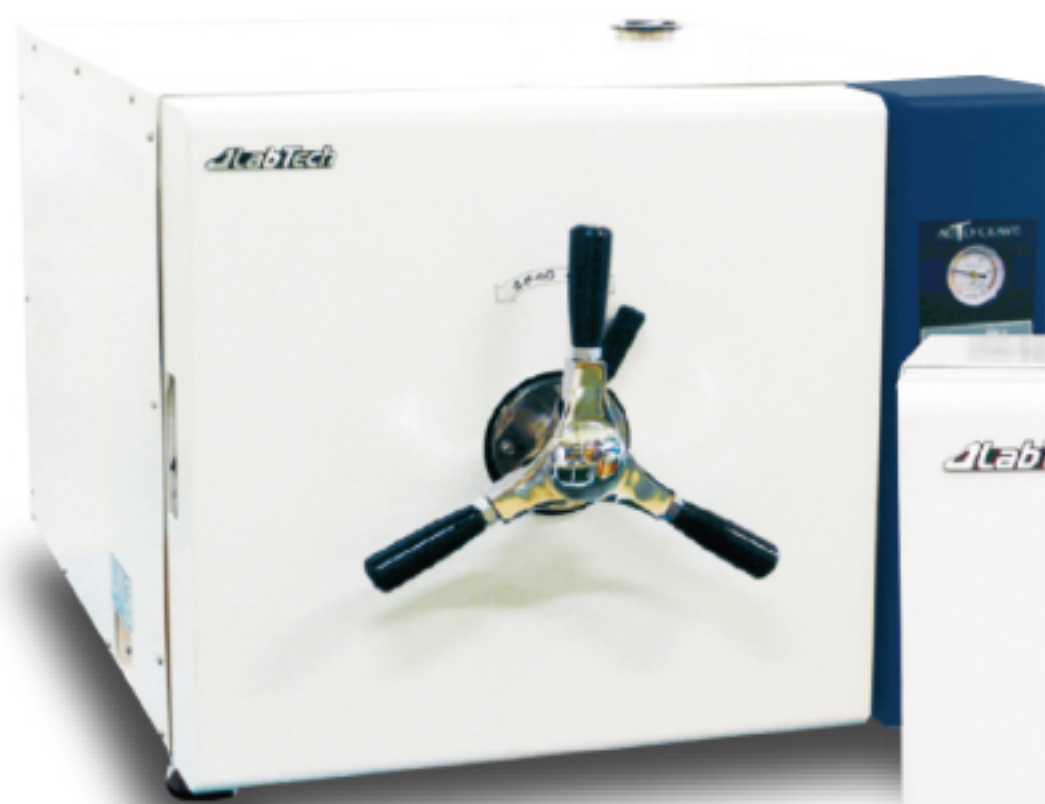


## Class B Sterilization

Pre & Post Vacuum System



3031V Model



3011V / 3021V Model

## Feature

**Sterilization temperature 110°C to 135°C**

**EN-13060-2 class B sterilization cycle**

Pre vacuum—water filling—heating—sterilizing—ventilation—post vacuum drying—end cycle

**Microprocessor PID program controller with self auto-tuned and LED display**

3 pre-programmed (wrapped, unwrapped, liquid course) and 1 Bowie-dick test and 1 user manual mode.

**Full automatic operation system with working process cycle LED indicator**

Easy operation with full automatic cycle by micro processor, from beginning to end cycle.

**Pre-vacuum and post vacuum Drying system**

Pre-vacuum for effective air removal that results in increasing sterilization performance.

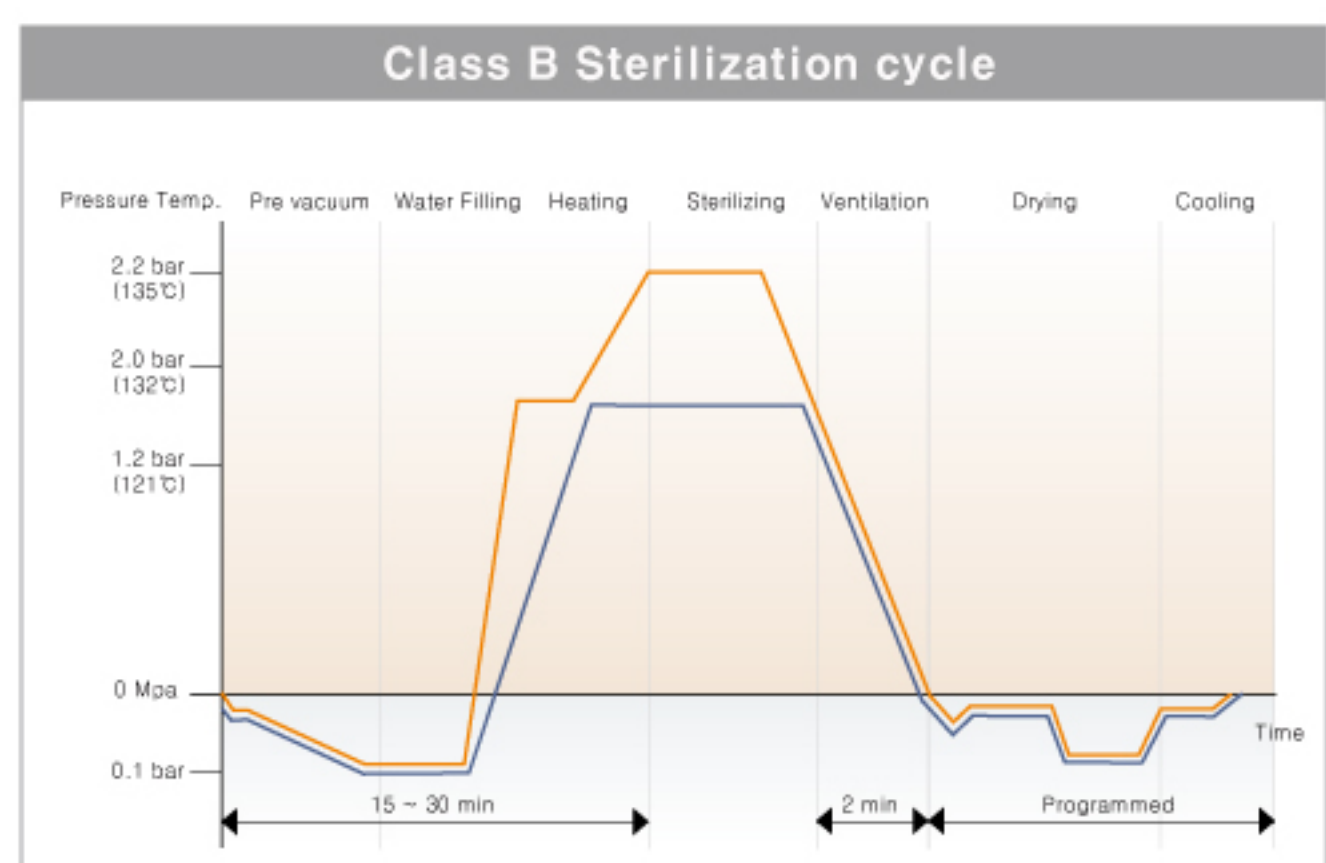
Post-vacuum for drying with remaining steam removal.

**Self-diagnostic and mechanism**

In case of any malfunction, it alarms and displays error codes for easy maintenance, being stop working with automatic ventilation process for safety purpose

### Air filtration cooling system

For the process of drying cycle, 0.2 $\mu$ m HEPA filtered clean air flows into the chamber in order to protect air contamination and to cool down below 60°C



### Pre-programmed Table

Course	Temp	Time	Drying Time
Wrapped	132	10	20
Liquid	121	30	0
Turbo	134	5	10
B/D User	B/D Program	134	4
		105 - 135	5 - 90
MENU	Program	110 - 135	4 - 90
			1 - 90



# Bench Top / Round Chamber



(Option) Movable Stand with compartment

CE  
Certified

## Optional Accessories



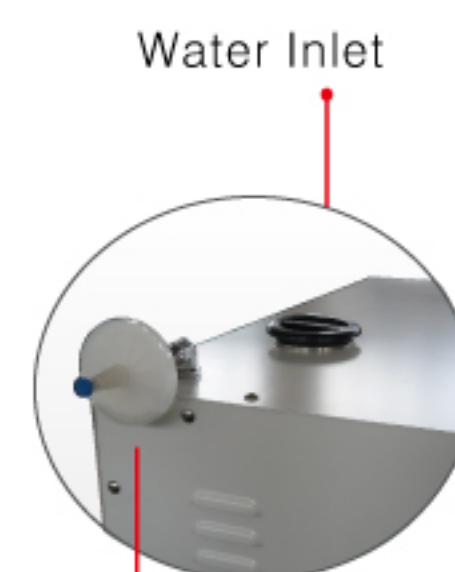
Perforated Tray



Wire Tray



Dual Locking Mechanism



Water Inlet

HEPA Filter

MODEL		LAC-3011V	LAC-3021V	LAC-3031V
Dimensions (WxDxHmm)	Outer	480 x 720 x 400	530 x 780 x 420	650 x 820 x 500
	Inner	φ 200 x 350	φ 250 x 450	φ 350 x 455
Capacity		11ℓ	22ℓ	44ℓ
Heater		1.5kW + (Dry 600W)*	2.0kW + (Dry 600W)*	3.0kW + (Dry 1kW)*
Sterilization System		Built-in pre-vacuum air removal & post vacuum drying system		
Material	Exterior	Epoxy powder coated electro galvanized steel		
	Chamber	Stainless Steel (STS 316 L option)		
Sterilization Temperature		110°C ~ 135°C		
Dry System		Post vacuum to remove steam vapor / 0~ 60 min		
Vacuum/Pressure Gauge		-0.1 ~ 0.4Mpa (760mmHg ~ 4kgf/cm2)		
Controller		Microprocessor PID Controller		
Operation Cycle Mode		3 Programmed cycle, 1 Bowie - Dick test, 1 User menu		
Pre & Post Vacuum System		Diaphragm vacuum pump 25 LPM capacity		
Display		LED display (Temperature, Timer, Program cycle)		
		LED indicator (Water, Heat, Sterilization, Dry, End cycle)		
Timer		0~60 min Sterilization & 1~90 min Dry time		
PC Communication		RS-232C interface (Option)		
Door		One touch hinged door / Door inter lock system		
Safety Device		Over pressure release safety valve, Over temperature / Over heating protector		
		Door open sensing & power cut - off, Low water protection / Leakage & Over current circuit breaker		
Tray		175 x 330 mm	215 x 405 mm	305 x 435 mm
		Wire tray (Standard) / Perforated tray (Option)		
Electric supply		110V, 60Hz or 220V, 50/60Hz		

\* Separate heater ( ) for drying process



Custom made order is available  
Specifications can be changed without prior notice for quality improvement.