

Class B Sterilization

Safe, Efficient,
Perfect Sterilization



Design A



Design B



Feature

Sterilization temperature 121°C to 135°C EN-13060-2 class B sterilization cycle

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

Pre-vacuum air removal 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.

Full automatic operation system with Microprocessor PID program controller

Easy operation with full automatic process cycle operated by microprocessor controller from pre – programed process cycle.

Self-diagnostic and Safety system

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 μ m HEPA filtered clean air flows into the chamber in order to protect air contamination and to cool down below 60°C

Built-in steam generator and water reservoir

Water re-circulation system reduces the total sterilizing water consumption and pre heated double jacket chamber stand-by for quick operation

Automatic door locking system

Door can be easily sliding up and down to open or close by counter balanced weighing mechanism

Simply press start key to operate, door will be automatically locked and unlocked by mechanical can lock system
During operation cycle, door can not be opened

Safety Mechanism

- Over pressure release valve
- Over temperature protector with Thermostat
- Higher temp set protector by Digital high alarm limit
- Visual and Audible alarm system
- Automatic dual door locking system

Front Loading / Auto Door

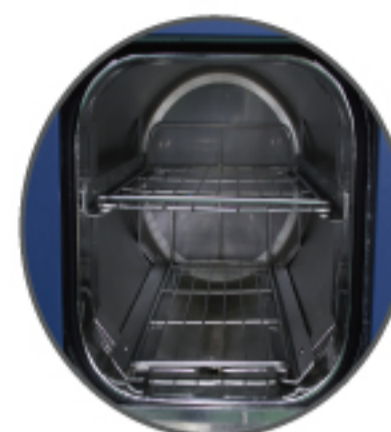
Microprocessor Control System



LCD Monitor Display

- Status : Present time and process time
- Mode : Set mode
- Pressure : Present and process pressure
- Temp. : Present and process temperature
- Dry : Present and process dry time
- Water Level : Present water level
- Door : Open, close
- Error Message

Door Gasket

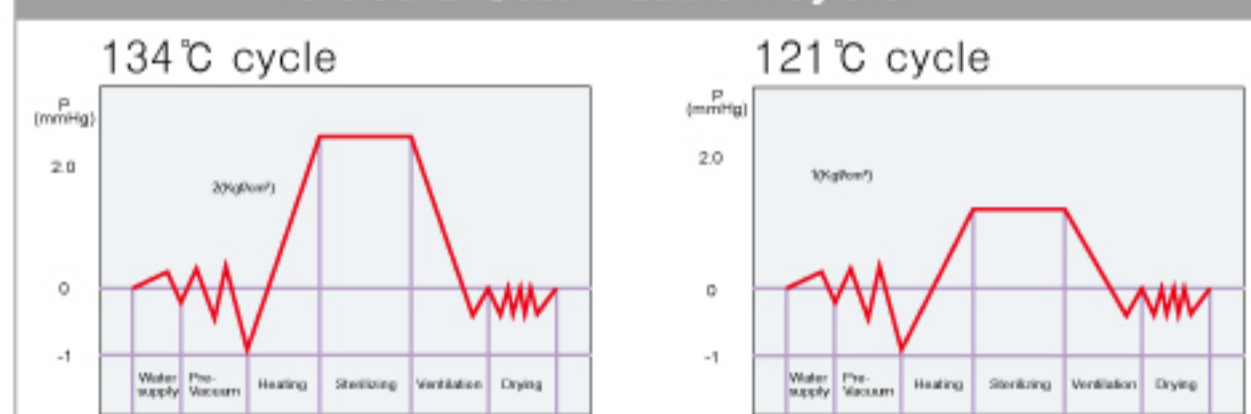


Specialized sealing technology with Heavy-duty hollow gasket by vacuum aspiration and pressure expansion for perfect sterilization

Programmed Sterilization Cycle

MODE	Temperature (°C)	Pressure (kgf / cm ²)	Sterilizing Time (min)	Drying Time (min)
Unwrapped 1	121	1.1	20	15-20
Unwrapped 2	134	2.1	5	15-20
Wrapped 1	121	1.1	30	20-25
Wrapped 2	134	2.1	15	20-25
Liquid	121	1.1	20	0
Bowie Dick	134	2.1	4	5-10
User Program	110-135	0.4-2.3	4-30	0-60

Class B Sterilization cycle



Single Door



Double Jacketed square chamber structure made of high quality stainless steel built-in a separate steam generator

MODEL		LAC-6205SP	LAC-6305SP
Dimensions (W x D x H mm)	Outer	700 x 1140 x 1745	800 x 1240 x 1845
	Square Part	400 x 1100 x 400	500 x 1100 x 500
	Round Part	I.D ϕ 500 x D 970 mm	I.D ϕ 600 x D 1020 mm
Chamber	Capacity	200ℓ	300ℓ
	Type	Double Jacketed Square / Round Chamber	
	Material	Stainless Steel 304 (STS 316 L Option)	
Steam Generator	Built-In	30 ℓ Boiler / 12kW Heater	45 ℓ Boiler / 18kW Heater
Stainless Steel Tray		300 x 960 / 250 x 960 mm	480 x 980 / 340 x 980 mm
Sterilization	Temp. Range	121°C ~ 135°C (max)	
	Pressure Range	1.1 ~ 2.3 Kgf/cm ²	
	Course	Liquid / Unwrapped 1 & 2 / wrapped 1 & 2 / B/D test / User Program	
Vacuum		Pre-vacuum with water ejector vacuum pump system	
Controller		6 Programmed with 1 User Program in Digital PID Controller	
Display		LCD monitor for Temperature, Pressure, Timer, Program cycle,	
Door		Manual / Auto vertical sliding door, Automatic Door Locking System	
Printer		Built - in Thermal Printer	
Electric Supply		380V, 50/60Hz 3Ph, 4 Line	

MODEL	LAC-6206 ES	LAC-6306 ES
Steam Supply	External steam supplied models without steam generator	