

Steam Sterilizer/Autoclave - Benchtop Type



Manual handle
door lock type



Class B cycle
Pre & Post vacuum



Sterilization Temp.
110°C to 135°C



LAC-1031SVM
with optional printer

LAC-1021SVM

LAC-1011SVM

Feature | 제품 특·장점

- 1** Pre vacuum for air removal with 3 stage pulsate steam penetration post vacuum for vacuum drying and HEPA filtered air cooling
선진공 작업으로 챔버 내 공기제거 3회 피크, 진공 스팀침투 멸균 후 진공 건조와 HEPA 필터를 거친 청정공기가 챔버온도 냉각
- 2** Full automatic operation by pre/ user set programmed mode LCD digital controller with self diagnostic for error and alarm function
자가 여러 진단과 경보 기능을 갖춘 표준 / 사용자 설정 프로그램 디지털 조절기로 전 공정 자동 작동
- 3** Built - in reservoir with water saving re - circulation system provides for automatic water filling into chamber with level sensor
수위감지 센서가 장착된 물저장 탱크에서 챔버로 물을 자동으로 공급하고 멸균 후 재순환 사용하는 절수형 시스템
- 4** Dual safety door locking mechanism prevents door from opening during operation process with pressure condition
도어잠금 이중장치로 압력이 걸려있을때나 작동중일때는 도어가 열리지않는 안전메카니즘
- 5** Electro polished stainless steel square chamber and silicone gasket with slopped platform design for excellent sterilization performance
전해연마된 스테인리스 사각 챔버와 실리콘 가스켓 경사진 플랫폼 설계로 효율적이고 우수한 멸균 성능 실현
- 6** Detachable shelf frame with sturdy wire tray for easy cleaning and excellent drying performance
분리되는 선반거치대와 견고한 그물구조 트레이로 세척이 용이하고 우수한 건조성능 실현
- 7** Built-in condensor, heat exchanger prevent from hot steam and hot water drain
장착된 응축기와 열교환기가 뜨거운 스팀과 물이 배출되는 것을 방지함



for laboratory, clinic general sterilization

Safety device

Safety pressure release valve&hot water /steam cooling device

과압 배기 안전밸브와 뜨거운 물과 스팀을 냉각시켜 주는 장치

Low water level sensor and resevoir and alarm lamp

물 저장용기와 챔버에 용수부족 수위감지 센서 설치

Over heating and over temp & over pressure protector

히터 과열, 과온 과압 방지 장치

Dual door locking safety mechanism

during operation with pressure

작동중 도어 열림 방지 이중 보호 잠금 장치

Electric leakage and over current circuit breaker

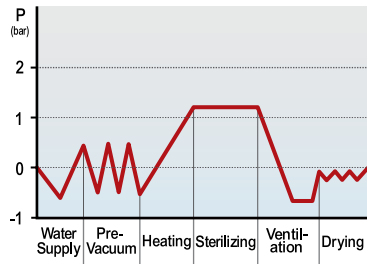
누전과 과전류시 회로 차단 장치 (ELCB)

Remark Specifications can be changed for quality improvement
08 | 품질 개선을 위해 사전 통보없이 사양은 변경될 수 있습니다

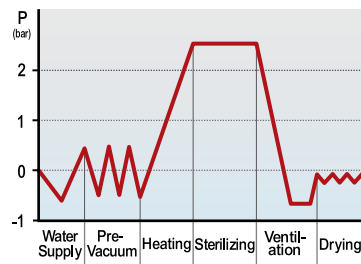
Detail technical data, please refer to page 4,5
자세한 성능 데이터는 4, 5 페이지를 참조하시기 바랍니다

Class B sterilization cycle

121 °C Cycle



134 °C Cycle



Mode selection

5 pre programmed cycle, bowie-dick test

Cycle	Temp. (°C)	Pressure (bar)	Ster. time (min.)	Drying time (min.)
Unwrapped 1	121	1.1	20	30
Unwrapped 2	134	2.1	5	30
Wrapped 1	121	1.1	30	30
Wrapped 2	134	2.1	15	30
Liquid	121	1.1	20	0
Bowie dick	134	2.1	4	5



Internal water reservoir



Square chamber & silicone gasket



Automatic water supply device (option)

MODEL		LAC-1011SVM	LAC-1021SVM	LAC-1031SVM
Dimensions (W×H×Dmm)	Square chamber	200 × 200 × 315	270 × 230 × 400	300 × 300 × 450
	Overall	430 × 430 × 570	495 × 440 × 650	527 × 510 × 710
	Tray (2 EA)	184 × 30 × 288	255 × 30 × 363	287 × 30 × 406
Capacity	Chamber	12 ℓ	24 ℓ	40 ℓ
	Reservoir	2 ℓ	4.8 ℓ	7 ℓ
Heater		1.5 kW	2.5 kW	2.5 kW
Pressure vessel / Gasket		Reinforced and electro polished square chamber / Silicone square gasket		
Sterilization	Temperature	110°C ~ 135°C		
	Pressure	0.4 ~ 2.3 bar		
	Mode	Unwrapped 1 & 2, Wrapped 1 & 2, Liquid, Bowie-dick, User program		
Vacuum pump	(50Hz / 60Hz)	20 / 23 LPM	20 / 23 LPM	35 LPM
Controller		Microprocessor program controller with LCD monitor		
Material	Chamber	Stainless steel 304 (standard) / STS 316L (option)		
	Exterior	Epoxy powder coated steel		
	Door	Stainless steel plate STS 304 (standard) / STS 316L (option)		
Electric supply	Voltage	110 V, 60 Hz or 220 V, 50/60 Hz 1 Phase		
	Consumption(220V)	6.8 A	12 A	12 A
Weight (approx.)	Net	52 kg	62 kg	77 kg

with Flushing system

MODEL	LAC-1011SVM-F	LAC-1021SVM-F	LAC-1031SVM-F
Specification	Fresh water is used for every sterilization cycle used water is flushed out to drainage. Built-in automatic water supply device. (Detail feature and diagram is described page 5.) 사용한 물 배수 · 새 물 사용 자동 급수 장치		

Steam Sterilizer/Autoclave - Benchtop Type



**Automatic wheel
door lock type**



**Class B cycle
Pre & Post vacuum**



**Sterilization Temp.
110°C to 135°C**



LAC-1011SV

LAC-1021SV

LAC-1031SV
with optional printer

Feature | 제품 특·장점

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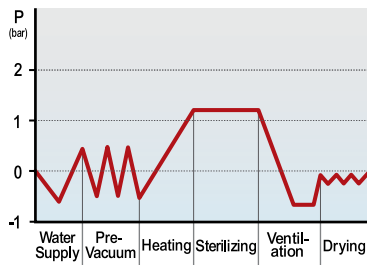
Filter pack / One touch install
Mixed bed Ion + Sediment

Ⓐ : 1 Cartridge unit Ⓑ : 2 Cartridge unit

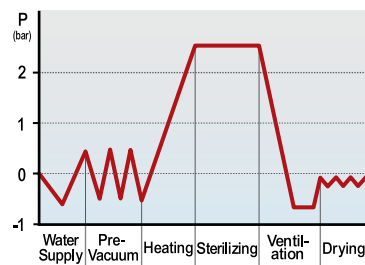
**Automatic water supply system
with filter and movable stand
(option)**

Class B sterilization cycle

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134 °C Cycle



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Internal water reservoir



Automatic door lock



Square silicone gasket



Automatic water supply device (option)

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