

Steam Sterilizer/Autoclave - Top Loading, Vertical Type



Sterilization Temp.
110°C to 135°C
(5045, 5065SP Model)



Class S cycle
Pre & Post vacuum



Sterilization Temp.
110°C to 142°C
(5085, 5105SP Model)



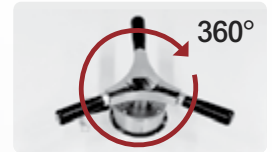
Swift door lock handle
신속한 도어 잠금 핸들



LAC-5045 / 5065SP



LAC-5085 / 5105 SP
with optional recorder



Clowbar door lock handle
지렛대 방식 도어 잠금 핸들

Steam outlet
& Steam condensation
bottle (PP)
증기 배출구
& 증기 응축병 (PP 재질)

Feature | 제품 특·장점

- 1** Pre vacuum for air removal from chamber, heating for steam generation, sterilizing, exhaust steam, post vacuum drying and cooling by class S cycle
진공 작업으로 챔버와 멸균물의 공기를 우선 제거한 후, 스팀 발생 가열, 멸균, 스팀배기 후 멸균물을 진공건조 하고 냉각시키는 class S 사이클 멸균 방식
- 2** Built-in water reservoir provides for automatic water filling into chamber. save water consumption by water recirculation and steam collection system
내부에 장착된 물 탱크가 챔버에 물을 자동으로 공급해 주고 멸균에 사용되는 물과 스팀을 회수하여 재순환시켜 물 소비량을 절감하는 절수형 시스템
- 3** Full automatic operation by pre / user set programmed mode LCD digital controller with self diagnostic for error and alarm function
자가에러진단과 경보기능을 갖춘 표준/사용자설정 프로그램 디지털 조절기로 전과정 자동작동
- 4** Dual safety door lock mechanism prevents starting process in case of unlocked completely and prevents the door from being opened under pressure condition
도어 잠금 이중·안전 장치로 도어가 완전히 잠겨지지 않았을 경우, 공정 시작을 방지하며 작동 중 압력 상태일 때 도어가 열리는 것을 방지함
- 5** Elaborated mechanical structure for safety and durability, made of polished stainless steel pressure chamber, door and fabricated stainless steel parts and component for excellent anti-corrosion
안전성과 내구성을 위한 정교한 기계구조, 압력 챔버, 압력 도어와 가공 부품들은 고품질 광택 스테인리스강으로 제작되어 녹이 슬지 않고 내부식성이 매우 우수함

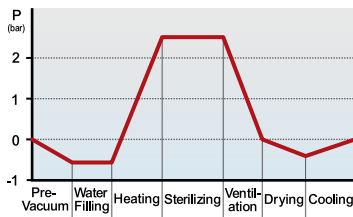


Vacuum pump Water reservoir



5085, 5105SP Model
Stainless steel chamber

Class S sterilization cycle



Mode selection

Cycle	Temp. (°C)	Pressure (bar)	Ster. time (min.)	Drying time (min.)
Solid	132	1.1	10	20
Liquid	121	2.1	30	0
Turbo	134	1.1	5	10
User program	110-135	2.1	5-90	0-90
User manual	110-135	1.1	5-90	0-90

Program LCD controller display



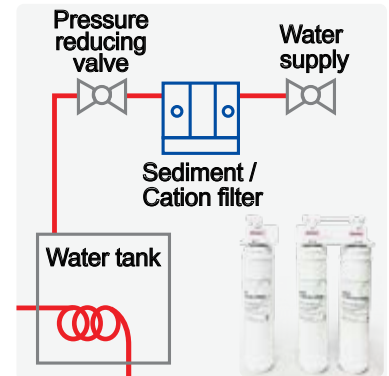
Safety device

1. Automatic over pressure release valve
압력초과안전밸브 장치
2. Over heating temperature protector
과열 과온 방지 장치
3. Water level sensor / shortage alarm
수위 경보등
4. Electric leakage over current circuit breaker
누전 과전류 회로 보호 차단 장치
5. Dual door lock safety mechanism
이중 도어잠금 안전 장치

State of the art technology



Water supply device (option)



Foldable controller



Smooth door lift up & down



Water filling port



Air filtration HEPA filter



MODEL		LAC-5045SP	LAC-5065SP	LAC-5085SP	LAC-5105SP
Dimensions (W×H×Dmm)	Round chamber	Ø 360 × 420 (340)	Ø 360 × 610 (530)	Ø 450 × 540 (445)	Ø 450 × 665 (570)
	Overall	700 × 935 × 580	700 × 980 × 580	865 × 1080 × 725	865 × 1110 × 825
	Wire basket (2 EA)	Ø 320 × H 160	Ø 320 × H 260	Ø 420 × H 205	Ø 420 × H 265
Capacity	Chamber	42 ℓ	62 ℓ	85 ℓ	105 ℓ
	Reservoir	10 ℓ	12 ℓ	14 ℓ	18 ℓ
Sterilization	Temperature	110°C ~ 135°C (Max.)		110°C ~ 142°C (Max.)	
	Pressure	0.4 ~ 2.3 bar		0.4 ~ 2.8 bar	
	Mode	Solid, Liquid, Turbo, User program, User manual			
Vacuum pump		35 LPM			
Heater		3 kW (+ Dry 1 kW)*	3 kW(+ Dry 1 kW)*	5 kW (+ Dry 1 kW)*	5 kW (+ Dry 1 kW)*
Controller		Microprocessor PID program controller with LCD monitor			
Display		LCD Monitor (Temperature, Timer, Program cycle), LED Indicator (Vacuum, Water, Heat, Sterilization, Dry, End)			
Material	Chamber	Stainless steel 304 (STS 316 L Option)			
	Exterior	Heavy-duty epoxy resin powder coated EGI steel			
Door lock type		Swift door lock handle		Crowbar door lock handle	
Electric supply	Voltage	110 V, 60 Hz or 220 V, 50/60 Hz			
	Consumption(220V)	18 A	18 A	27 A	27 A
Weight (approx.)	Net	118 kg	123 kg	158 kg	165 kg

* Separate heater () for drying process

Remark Overall dimensions is included the size of handle, casters
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