Smart Lab Clave with dryer
CL-DP series

A practical top-loading laboratory autoclave that DRY the loads effectively after sterilization with the built-in blower pump and heater.

CL-40MDP

Fully automatic operation from sterilization to drying

Drains automatically after sterilization to dry the loads with warm air.
Suitable for a metal or glassware you require to use it as dry.
Allows to also use for only sterilization.

Incorporates a "Drying" mode for drying only.

You can select the "Dry" mode if an additional drying is required after the "Sterilization-Dry" mode or performing only drying.

Contamination measures

Blows warm air through a sterilization filter to prevent the loads from contaminating during drying.

Possible to sterilize a culture medium and liquid

Incorporates a "Sterilization/Warming" pattern maintaining a constant temperature after sterilization and a "Dissolving/Warming" pattern for pasteurization so wears another hat.

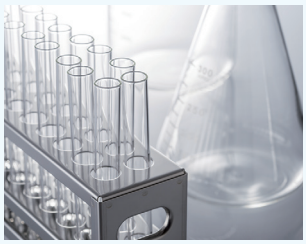
For your safety

At the end of the cycle, the lid will not be released until temperature has reached safe prescribed levels.

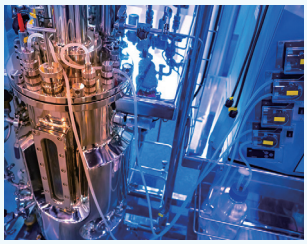
A wide variety of options (Refer to page 15)

*Floating sensor : Measures a load temperature.
*Printer : Prints the temperature and time on roll paper.
*Rapid cooling fan : Shortens the temperature drop time with cooling fan.
*Recorder : Profiles the temperature and time of multiple sensors. Corresponds to IQ/OQ in GMP, GLP
We provide IQ/OQ documentations as an option.

◆ Suitable items to be dried



Glassware



Incubators/Other related

Silicone rubber parts

Stainless steel/Fluororesin parts

※Porous medium, hollow tubular, or clothing are not designed to dry. If you intend to sterilize those medium/items, we recommed the "CLG-DVP" series equipped with the vacuum drying function on the page 06.

MODEL	CL-32SDP	CL-32LDP	CL-40SDP	CL-40MDP	CL-40LDP
Chamber size/volume	ϕ320×H450mm/45L	ϕ320×H660mm/62L	ϕ400×H470mm/72L	ϕ400×H660mm/97L	ϕ400×H820mm/117L
Outer dimension/weight	W550×D620×H870mm/75kg	W550×D620×H990mm/79kg	W620×D720×H880mm/91kg	W620×D720×H1000mm/95kg	W620×D720×H1160mm/102kg
Temperature(Max. press.)	100°C-140°C (0.270MPa)		100°C-137°C (0.250MPa)		
Sterilization time	0 minutes- 48 hours 00 minutes				
Drying temp./time	60°C-150°C / 0 minutes- 99 hours 59 minutes				
Dissolving temp./time	40°C-99°C / 0 minutes- 48 hours 00 minutes				
Warming temp./time	40°C-60°C / 0 minutes- 48 hours 00 minutes				
Safety device	Lid interlock, Water lack prevention, Over temperature prevention, Over pressure prevention, Sensor breakage detection, Memory backup, Leakage breaker, Pressure safety valve				
Power demand	AC220/230/240V, 11/11/12A		AC220/230V/240, 18/19/20A		
Wire basket/quantity	ϕ300×200mm/2 pcs.	ϕ300×300mm/2 pcs.	ϕ380×200mm/2 pcs.	ϕ380×300mm/2 pcs.	ϕ380×400mm/2 pcs.

●Please specify voltage when you order.
●Specifications subject to change without notice for improvement.