



CL-32L

CL-40L

A good price performance by skilled craftsmanship

ALP's skilled craftsmanship realizes a good price performance with Japanese High Quality.

One-action safety interlock lid

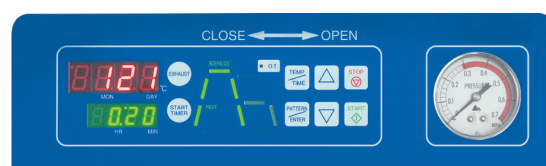
Simply slide the lock lever one action to close the lid securely.

Safety comes first

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

Three operation modes as standard

In addition to "Sterilization" pattern, "Sterilization/Warming" and "Dissolving/ Warming" patterns as standard. Possible for a liquid sterilization depending on the setting.



Operation panel

Suppresses odor while operation

The incorporated water cooling device cools the discharged steam internally to turn it into water droplets, so it does not raise the humidity of the surrounding environment and suppresses odors during processing.

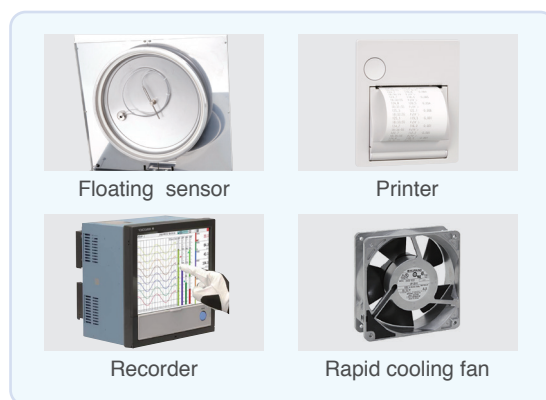
A wide variety of options (Refer to the page 15)

- *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.

◆ Options



Floating sensor

Printer

Recorder

Rapid cooling fan

| MODEL | CL-32S | CL-32L | CL-40S | CL-40M | CL-40L |
|--------------------------|---|-----------------------|-----------------------|----------------------------|------------------------|
| Chamber size/volume | φ320×H450mm/45L | φ320×H660mm/62L | φ400×H470mm/72L | φ400×H660mm/97L | φ400×H820mm/117L |
| Outer dimension/weight | W550×D620×H870mm/65kg | W550×D620×H990mm/71kg | W620×D720×H880mm/84kg | W620×D720×H1000mm/88kg | W620×D720×H1160mm/95kg |
| Temperature(Max. press.) | 100°C-140°C(0.270MPa) | | | 100°C-137°C(0.250MPa) | |
| Sterilization time | 0 minutes- 48 hours 00 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/240V, 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.

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

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.

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.

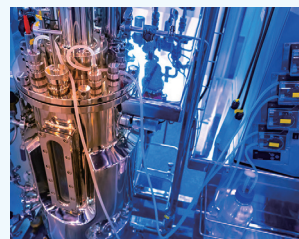
Contamination measures

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

◆ 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 recommend 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. |

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