



ALP Co.,Ltd.
TOKYO JAPAN
SINCE 1976

Automatic
AUTOCLAVE

Laboratory use

CL-32
CL-40
series

100~140°C, 34 & 54ℓ..... **CL-32S & L** models

100~137°C, 60~105ℓ..... **CL-40S, M & L** models

With warm air drying..... **-DP** models



CL-DP model

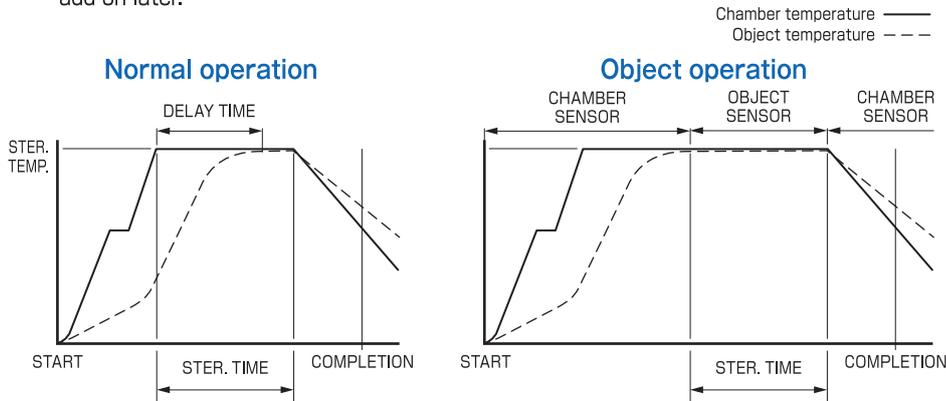
CL model

Quick lock lid
Lid interlock
Light lid -up -down

OPTIONAL FUNCTIONS

Object Temperature Sensor (For reliable sterilization)

Object temperature will come up more slowly than temperature in the chamber, so sterilization time be added delay time to set time. It aids reliable sterilization that the timer begins to move only after the temperature measured by the object temperature reaches the set temperature. Necessary for objects which prevent penetration of steam. It will be able to add on later.



Automatic Water Supply (To save your manual water supply)

In stead of troublesome check and manual supply of water before operation, proper quantity of water is automatically supplied.

Pre-Heating (To shorten the heating-up time)

The water for steam generation is always kept near boiling condition. (Option with automatic water supply)

Rapid Cooling (To shorten the cooling time)

When the sterilization process is completed, the cooling fan is operated to cool the chamber. The cooling time which occupies the majority in all the process can be much reduced. (To about 1/3 ... at no load test)

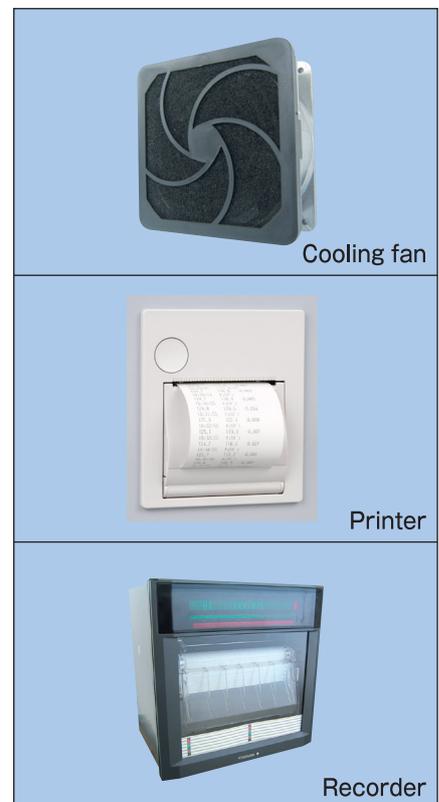
Printer

It prints out the date and time of operation start, and 2 temperatures of the sensor in the chamber and the object temperature sensor, in every 1 minute, through the main controller.

Recorder (To check temperature distribution)

The temperature distribution in the chamber can be measured in the combination with 3 object temperature sensors. It is the hybrid type which can be recorded up to 5 temperature and 1 pressure.

We can submit documents for GMP/GLP requirements.



STANDARD / OPTIONAL ACCESSORIES

Stainless wire basket



for CL-32 series
 ϕ 300×200mm
 ϕ 300×300mm



for CL-40 series
 ϕ 380×200mm
 ϕ 380×300mm
 ϕ 380×400mm

Basket with pan



for CL-32 series
 ϕ 270×400mm
 ϕ 270×600mm

for CL-40 series
 ϕ 370×400mm
 ϕ 370×600mm

Stainless bucket



for CL-32 series
 ϕ 270×270mm
 for CL-40 series
 ϕ 360×300mm

Stainless dressing drum



for CL-32 series
 ϕ 270×180mm

Lot 122

7.4.1 Spare parts list for model CL series

No.	Part name	Model No. or spec.	Photo	No.	Part name	Model No. or spec.	Photo
1	Main board	NCM 225008 -10		12	Main switch	AC100V~ AC240V	
	Controller for CL series				Earth leakage breaker		
2	SSR	AQA411VL DC24V 25A		13	Heater relay	G7L-2A-B	
	Solid state relay for steam heater				Main circuit relay		
3	Exhaust valve	AC220V~ AC240V		14	Check valve	CVS-1/4 80mmAq	
	Solenoid valve with fitting						
4	Lot 124 Lid gasket	CL-32		15	Pressure switch	80735	
	Molded silicon rubber	CL-40					
5	Lot 121 Steam heater			16	Pressure safety valve		
	Sheathed pipe heater						
6	Control sensor	YP-210SP		17	Rubber pan	CL-32	
	Resistance Pt100Ω, Class B				Molded silicon rubber	CL-40	
7	Water lack preventer	55.13269.010		Lot 123			
	Thermostat						



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ISO9001



ISO13485