

Front-loading Lab Clave MCY series

An easy front - loading laboratory autoclave.
An equipped drawer tray makes it easy to take heavy loads in and out. A women-friendly mechanism.



MCY-40L with optional cabinet

Reduces the burden to take in and out heavy loads.

Unlike top-loading autoclaves, you do not need to lift a basket with heavy loads. For example, a flask with medium can be loaded in the drawer tray directly from the wagon. A horizontal models pursuing the usability of women.



Equipped with a warm air drying (DP model)

Dries up wetted loads after sterilization. Prevents a contamination as it replaces the air through a sterilization filter.

Drawer trays can be freely combined

You can combine the upper, lower, and wide trays freely according to the loads. The upper and lower trays with slide rails enable you to pull out heavy loads easily.

Corresponds to IQ/OQ

We provide IQ/OQ documentations as an option.

Laboratory Autoclave

Example Combinations of Trays with Vessels



1. Lower tray : Accommodates 2 or 3 pcs. (model L) of Erlenmeyer flask 5 litres



2. Lower tray & Wide tray : Accommodates 20 or 28 pcs.(model L) of Medium bottle 500 milliliters



3. Upper & Lower trays : Accommodates 85 or 108 pcs.(model L) of Erlenmeyer flask 100 milliliters

MODEL	MCY-40	MCY-40L	MCY-40DP	MCY-40LDP
Chamber size/volume	φ400×650mm/96L	φ400×830mm/118L	φ400×650mm/96L	φ400×830mm/118L
Outer dimension/weight	W590×D940×H770mm/92kg	W590×D1080×H770mm/106kg	W590×D940×H770mm/102kg	W590×D1080×H770mm/116kg
Temperature(Max. press.)	100°C-127°C (0.160MPa)			
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	Water lack prevention, Over temperature prevention, Over pressure prevention, Sensor breakage detection, Handle lock detection, Memory backup, Leakage breaker, Pressure safety valve			
Power demand	AC220/230/240V, 18/19/20A			

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