

**Class100·Max350°C CLEAN OVEN·STERILIZER****DCL/DCH series**

DCL/DCH-120HM

DCL/DCH-120HL/HG

**● Clean grade Class100**

By horizontal layer-air-flow system and reliable heat-resisting HEPA filter, high class clean circumstance is realized in the chamber with high temperature distribution accuracy.

**● Maximum temperature 230°C/350°C**

DCL models : Up to 230°C for drying  
DCH models : Up to 350°C for heat treatment or hot air sterilization (for laboratory use)

**● Vertical structure with large volume capacity**

Inner volume 360ℓ~600ℓ are able to treat much loads, only in space saving.

**● -HL & -HG models with a pair of folding doors**

-HL model : Open wide 800mm (480ℓ)  
-HG model : Open wide 1000mm (600ℓ)

**● Applicable to GMP procedure**

It is provided for specifications for pharmaceutical industry. (option)

# Space-saving · Large volume · High performance Validation at installation(IQ/OQ) for GMP is available.



DCL/DCH-120HM

DCL/DCH-120HL/HG

Model	DCL-120HM	DCH-120HM	DCL-120HL	DCH-120HL	DCL-120HG
Air flow system	Flowing out from inner back wall · horizontal laminar air flow circulation in the chamber				
Chamber W×D×H	600×500×1200mm		800×500×1200mm		1000×500×1200mm
Inner volume	360ℓ		480ℓ		600ℓ
Usable temperature	R.T.+50℃~230℃	R.T.+50℃~350℃	R.T.+50℃~230℃	R.T.+50℃~350℃	R.T.+50℃~230℃
Temp.distribution	±3.0℃ at 230℃(no load)	±5.0℃ at 350℃(no load)	±3.0℃ at 230℃(no load)	±5.0℃ at 350℃(no load)	±3.0℃ at 230℃(no load)
Time up to max.temp.	80minutes	100minutes	80minutes	100minutes	100minutes
Clean grade	Class100 (while temperature keeps balance...expect its going up or down), Filter : Heat-resisting HEPA filter				
Controller	3digit digital PID control, Timer : 1minute~99hours59minutes & continuous, Sensor : K				
Operation mode	Constant continuous operation, Timer operation(auto.start, auto.stop & both), program operation				
Fan & motor	Stainless sirocco fan, Motor : 0.4kW×1				Motor : 0.4kW×2
Cable hole	Inner diameter : φ48mm on the left side				
Material	Inner chamber : SUS443J1 stainless, Outer panel : Steel with baked enamel, Silicon gasket, Stainless sheath heater				
Safety device	Overheat preventor : auto.set at +10℃ over set temp. + individual temp.safety switch(double) Overheat preventor in heater room, Upper set temp.limiter, Sensor break warning, Door switch Checker of filter choke, Motor thermal relay, Breaker for slight leakage, over current & short circuit				
Heater	0.8kW × 9pcs.		1.0kW × 9pcs.		1.2kW × 9pcs.
Electricity	AC220-240V, 1φ, 40A		AC220-240V, 1φ, 48A		AC220-240V, 1φ, 56A
Outer size W×D×H	800×1020×1990mm		1000×1020×1990mm		1200×1020×1990mm
Weight	approx.350kg		approx.420kg		approx.500kg
Shelves	3pcs. SUS304 stainless round rod made with loading rails(30mm pitch height adjustable)				

- Option : Exhaust duct connector with manual damper and HEPA breath filter.
- Specifications are subject to change without notice for improvement.



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