

Dry Oven

FORCED CONVECTION OVEN
강제순환 건조기



DL-4001MH (Viewing glass window)



ISO 품질시스템 인증

Feature

- Temperature Up to 180°C. (DL-4001MH)
- Accurate temperature control by microprocessor based PID controller. (Auto tuning function)
- Quick dry and equalized temperature distribution by forced convection air circulation flow system.
- Transparent glass to see inside sample.
- Air circulation system on door top & bottom is able for user to use high temperature with safety.
- For user safety & sample good condition equipped over heat protector & overload protective device.
- More bigger size of chamber is customized. (Option)



제품의 특징

- Temperature Up to 180°C. (DL-4001MH)
- Microprocessor Based PID Controller로 정확한 온도 제어가 가능하다. (Auto Tuning 기능 내장)
- 신속한 건조와 균일한 온도 분포를 위한 강제순환 시스템 적용.
- 투시창이 설치되어 있어 내부 상태 확인이 가능하다.
- Door 상하부에 공기 순환 장치 시스템을 적용하여 사용자가 고온에서 안전하게 사용할 수 있다.
- 사용자의 안전과 시료 보호를 위한 과열 방지 장치 및 과부하 차단 장치가 설치되어 있다.
- 사용자의 실험 조건에 맞게 크기 변경이 가능하다. (Option)

Specification

Lock type door

One Touch 방식의 잠금 장치와 발포 실리콘 패킹을 사용하여 밀폐가 확실하다.



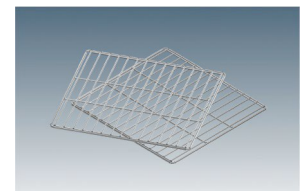
Control panel



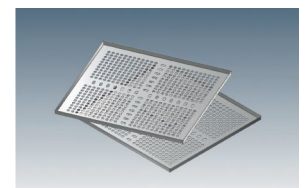
Over temperature limit

Model	DL-4001MH	DL-4001L
Chamber capacity	150 liter	300 liter
Temperature controller	Digital PID controller	Digital PID controller
Temperature range	Ambient 37°C to 180°C	Ambient 50°C to 150°C
Temperature accuracy	±1°C at 100°C	±1°C at 100°C
Temperature sensor	Pt 100 type	CA type
Test timer	99hr. 59min. or 99min. 59sec. or infinty	Digital timer 99hr. 59min. or infinty
Circulation fan	Sirocco fan motor	Sirocco fan motor
Material (Internal)	Stainless steel (SUS#304) polishing plate	Stainless steel (SUS#304) polishing plate
Material (External)	Steel(SCP-1) with powder coating	Steel(SCP-1) with powder coating
Door	Silicon seal door with window	Silicon seal door with window
Safety device	Hydraulic temperature controller	Hydraulic temperature controller
Heater	2000W	2200W
Shelves	3ea	4ea
Power source	220VAC 50/60Hz single phase, 2.1kW	220VAC 50/60Hz single phase, 2.5kW
Weight (Approx.)	80kg (±5kg)	100kg (±5kg)
Dimension (Internal)	480(W) x 500(D) x 600(H)mm	600(W) x 500(D) x 1000(H)mm
Dimension (External)	620(W) x 735(D) x 955(H)mm	790(W) x 700(D) x 1560(H)mm

Accessories



Wire shelf



Perforated shelf (Option)