Natural Convection Oven

Tempered Safety Glass viewing window 투시창

Natural Convection 자연 대류식 열기 순환

Temperature Range ambient +5°C to 250°C Max.



LDO-030N

LDO-080N

LDO-250N
with optional access port

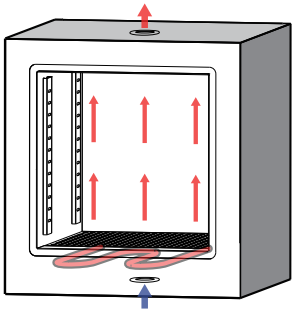
Certified

Feature | 제품 특·장점

1. Tempered safety glass window to view product
   강화안전유리 투시창으로 챔버내 시료를 관찰
2. Natural convection oven, suitable for drying, baking, hardening of powder or wind sensitive materials
   자연대류 방식으로 분말, 기류에 민감한 재료의 건조, 경화에 적합한 오븐
3. Durable and space-saving structure by stainless steel chamber and epoxy powder coated exterior
   스테인리스강과 분체 도장된 외장으로 견고하고 공간절약형 제품구조
4. Digital PID temperature controller with timer function, high-temp alarm and auto-tuning for precise working temperature
   디지털 PID 온도제어 방식으로 설정 온도에서 시간 작동 타이머, 과온 경보기능 최적의 사용온도 자동보정 기능이 탑재된 조절기
5. Safe and convenient devices with over temperature, electric over current & leakage breaker, one touch door latch
   과전류와 누전차단기, 과온 방지 장치를 장착하여 사용자와 시료를 보호하고 원터치 도어 개폐 장치로 편리한 사용
6. One touch plastic door handle protect user from hot surface and incase of electrostatic, stainless steel bar shelf prevents secondary contamination or rust
   원터치 방식 플라스틱 도어 핸들은 사용자를 뜨거운 표면과 정전기로부터 보호해 주며, 스테인리스강 선반은 녹이나 분진등 2차 오염을 방지함



One touch door latch &
height adjustable STS shelf



Natural convection air flow

Remark When ordering model, please specify electric frequency
제품 주문 하실 때, 전기 주파수를 명시해 주시기바랍니다

Performance data is based on unload condition
성능 데이터는 무부하 상태에서 작동한 규격입니다

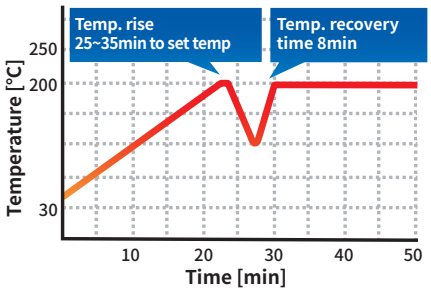
자연 순환 건조기 - 투시창

Digital PID controller / Standard



· Precise temperature control
· High temperature alarm function
· Set temperature self auto-tunning
· Automatic on/off timer function

Temperature performance



Temp. rise 12~13min up to 120°C

Exhaust vent



Open and close

One touch latch

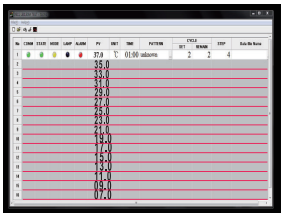


Plast

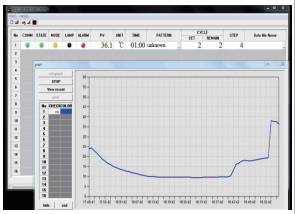
LCD Program PID controller (Option: 선택사양)



10 Step program 999cycle operation USB port cable
10단계 프로그램 999사이클 작동 USB 포트 케이블



Monitoring 16 unit connected into 1 PC hub software
16대를 Hub로 연결 1대의 PC로 관찰함



Graphic monitoring step programmed process
프로그램된 온도, 시간 실시간 그래픽 관찰

IQ, OQ, PQ Validation



MODEL		LDO-030N	LDO-080N	LDO-100N	LDO-150N	LDO-250N
Dimensions (W×D×Hmm)	Interior	350 × 320 × 320	400 × 400 × 500	500 × 400 × 500	500 × 500 × 600	600 × 600 × 700
	Exterior	520 × 475 × 660	560 × 560 × 840	660 × 560 × 840	660 × 660 × 940	760 × 760 × 1040
	Shelf	320 × 300	370 × 370	470 × 380	470 × 470	570 × 570
Capacity	Chamber	35 ℓ	80 ℓ	100 ℓ	150 ℓ	252 ℓ
Temperature	Range	Ambient + 5°C to 250°C max.				
	Set accuracy	Controller set value & display 0.1°C or 1°C				
	Uniformity	±5.0°C at 120°C				
Heater		1 kW	1.5 kW	2 kW	2 kW	3 kW
Convection		Natural hot air convection				
Controller	Digital	PID, alarm, auto tunning, timer				
	Timer	Set mode: 99min 59sec / 99hr 59 min / 99days 23hours / Continuous				
Material	Interior	Stainless steel				
	Exterior	Epoxy powder coated EGI steel				
Insulation		Aluminum foil wrapped glass wool				
Door	Structure	Tempered safety glass window with silicone gasket, one touch door latch				
Stainless steel bar shelf		2 EA	2 EA	2 EA	3 EA	3 EA
Safety	Device	Over temperature protector, Over current & leakage circuit breaker				
Electric supply	Voltage	110V, 60Hz or 220V, 50/60Hz, 1 Phase				
	Ampere	5 A	7 A	10 A	10 A	14 A
Weight	Approx.	30 kg	40 kg	45 kg	50 kg	75 kg

MODEL	LDO-030NP	LDO-080NP	LDO-100NP	LDO-150NP	LDO-250NP
Program control oven	LCD 10 Step PID program controller				

※Specifications can be changed without prior notice for quality improvement.
※ STS: Stainless steel. ※ Ampere is approximately described. ※Weight is approximately weighed.

Remark External dimensions is included the size of door handle, hinge, casters
외부 규격은 돌출된 도어 핸들, 힌지, 바퀴 등이 포함된 치수입니다

Electric specifications is subject to 50 Hz or 60 Hz frequency voltage
전기 규격은 전압과 50 Hz or 60 Hz 주파수에 따라 기술된 변동 규격입니다