



Forced Convection Oven

열풍건조기

Features

- Fuzzy function to prevent overheat.
- Accurate temperature controls by Digital PID controller.
- Controller select time scale (59 minute 59 second, 99 hour 59 minute, 99 day 23 hour).
- In case of temperature sensor disconnection, error message appear Alarm rings when timer end.
- In case of difference between real temperature and appeared temperature, user can adjust correctly.
- When controller setting value is changed by the mistake of operation, save and recall function can restore it early.
- User can adjust temperature not to raise up certain degree from installed temperature.
- Threefold tempered safety glass windows for excellent insulation and easy observation.
- Buffering device to enhance door adherence for insulation.
- Upper vent to emit moist and gas of samples after evaporation.
- SUS #304 used in inside chamber for durability.
- Circuit breaker for electrical safety.

Specifications

Made in Korea

Spec. / Model		CO-42	CO-81	CO-150
Type		1 door		
Convection Type		Forced convection		
Temp	Range	Max 250°C		
	Controller	Digital PID Controller		
Size	Internal (W x D x H, mm)	350x350x350	450x400x450	600x500x500
	External (W x D x H, mm)	520x525x770	620x575x870	770x675x920
Safety	Electrical	ELB(Earth Leakage Circuit Breaker)		
		Over Temp limiter.		
Material	Internal	Stainless steel (#304)		
	External	Steel, Powder coating		
	Shelves (W x D, mm)	STS #304 Wire Electro-Polished		
		327x300, 2ea	427x350, 2ea	577x450, 3ea
	Heater	Sheath heater		
	Insulation	Ceramic wool+ Glass wool		
	Door Packing	High Temp. Grade Foamed Silicone rubber		
Windows	Tempered Safety Glass, Three Fold			
Electric Requirements		220VAC. 50/60Hz		
Power Consumption		1000W	1600W	2200W

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Distinction



PID controller

Damper equipped double door (patent on a practical design)

Heated air forced circulation

Slip-resistant casters

* Uniquely designed height adjustable, slip-resistant casters.

* The chamber heated very evenly.

*Soft operating air tight damper door to avoid shake of the test samples

*Strong noise resistant, various functions, easy reset, wonderful after sales service.

Structure

