



Muffle furnace

매몰식전기로

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 easily.
- High temperature test up to 1000C
- High performance heat insulation by the molded ceramic block and quick reach to high temp.
- Air vent port is installed between the ceramic fiber heat shield and furnace exterior case and it prevents exterior heating.
- Insulation support to prevent internal pollution and damage.

Specifications

Made in Korea

Spec. / Model		MF-03	MF-05	MF-12	MF-14
Temp	Range	Max 1200 ° C (Max working range 1000 ° C)			
	Controller	Digital PID Controller			
Size	Internal (WxDxH, mm)	130x250x90	150x300x100	200x300x200	250x350x160
	External (WxDxH, mm)	410x485x510	420x535x520	470x530x630	520x580x580
Safety	Electrical	ELB (Earth Leakage circuire breaker)			
Material	Internal	Molded ceramic block			
	External	Steel, power coating			
	Heater	Kantal			
	Insulation	Ceramic fiber			
Electric Requirements		220VAC, 50/60Hz			
Power Consumption		1800W	2600W	4400W	4600W

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Distinction



Handle easy to use

Airtight door with damper

Ceramic fiber

Up graded air ventilational

* Air ventilation port between electric furnace and exterior case prevents exterior heating.

* Light and excellent insulation ceramic fiber.

* Soft operating airtight damper equipped door to avoid shake of the test samples.

*Quick heating, easy speed setting by dial type controller

Structure

