

MUFFLE FURNACE (SIC)

Use : This product is used for various purposes such as the development of new materials, superconducting materials experiment, ceramic sintering, heat treatment, melting of the glass, melting the metal and casting molding.



Concise formation



Ceramic Fiber



Program controller



Features

- High temperature test up to 1400C
- High performance heat insulation by the molded ceramic block and quick reach to high temp.
- The grounded circuit and NFB prevent a short circuit and over current of electricity. Fuse change is not required.
- Accurate temperature controls by Digital PID controller.
- Stable standing with uniquely designed leveling foot.
- Double doors prevent exterior heating and provide the safety for the operators.
- Vacuum-formed ceramic fiber with high performance durability.

Specification

Model		PH-MFH03	OH-MFH05	PH-MFH12	PH-MFH14
Volume		3ℓ	4.5ℓ	12ℓ	14ℓ
Temp	Range	Max 1200□ (Max working range 1000□)			
	Controller	Digital PID controller			
Size	Internal(W x D x H, mm)	130x250x90	150x300x100	200x300x200	250x350x160
	External(W x D x H, mm)	410x485x510	420x535x520	470x530x630	520x580x580
Safety	Electrical	ELB(Earth Leakage circuit breaker)			
Material	Internal	Molded ceramic block			
	External	Steel, Powder coating			
	Heater	Kanthal			
	Insulation	Ceramic fiber			
Electric Requirements		220VAC, 60Hz			
Power Consumption		1800W	2600W	4400W	4600W

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