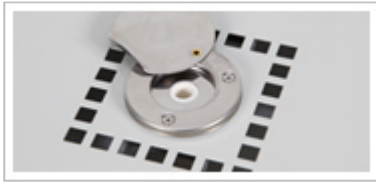


MUFFLE FURNACE NORMAL DIGITAL

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.



Up graded air ventilation



Ceramic fiber



Airtight door with damper



Handle easy to use



Features

- Fuzzy function to prevent overheat.
- Accurate temperature controls by Digital PID controller.
- Controller select time scale (99 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.
- 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.

Specification

Model NO	PH-MFND03L	PH-MFND05L	PH-MFND12L	PH-MFND14L	
Volume	3ℓ	4.5ℓ	12ℓ	14ℓ	
Temp	Range	Max 1200°C (Max working range 1000°C)			
	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	

Branch: 14 Fawzy Soliman St., From El Haram St., Giza, Egypt P.O.Box: 127 Giza, Egypt Code:12515

Tel. Fax: +(202) 33943004 / Mobile: +2 (01223415321-0111221096-01011811884)

www.photoscience-co.com / info@photoscience-co.com