

MUFFLE FURNACE - 1200°C / 950°C



MODEL : MF-9M / MF-12M

TECHNICAL SPECIFICATIONS

Light Weight with ceramic Fiber wool insulation (instead of Brick insulation). Outer casing is made of double walled thick P.C.R.C. sheet, finished with attractive powder coating. Element are made of KANTHAL "A-1" wire in coil form. Insulation by Zirconia cerewool, which avoids loss of energy, this arrangement also assures the most uniform distribution of heat. A viewing cap is also provided on the door. Temperature controlled by "Microprocessor PID Digital Indicator cum Controller" fitted in the front of the Furnace. Dual display of process set temp. Temp. Accuracy $\pm 1^\circ\text{C}$.

To work on 220/230 Volts or 415/440 Volts A.C. 3 Phase supply. (For furnace load 6kw and above)



MODEL : MF-12M

MODEL	INNER MUFFLE SIZE W x H x D	RATING
NG! : 23N	211!y!211!y!336!n n)5# y! 5# y! : #	3/6!L/X /
	236y!236!y!361!n n)6# y! 6# y! 21#	4/1!L/X /
N by! /Uf n q! : 2311'D/	261!y!261!y!411!n n)7# y! 7# y! 23#	5/1!L/X /
X psl joh!Uf n q! : 2261'D/	311!y!311!y!411!n n)9# y! 9# y! 23#	6/1!L/X /
	311!y!311!y!561!n n)9# y! 9# y! 29#	9/1!L/X /
	411!y!411!y!411!n n)23#y!23#y!23#	7/1!L/X /
	411!y!411!y!561!n n)23#y!23#y!29#	: /1!L/X /
	411!y!411!y!711!n n)23#y!23#y!35#	23/1!L/X /

MODEL	INNER MUFFLE SIZE W x H x D	RATING
NG! : N	211!y!211!y!336!n n)5# y! 5# y! : #	2/6!L/X /
	236y!236!y!361!n n)6#y!6#y!21#	3/1!L/X /
N by! /Uf n q! : 61'D/	261!y!261!y!411!n n)7#y!7#y!23#	4/1!L/X /
X psl joh!Uf n q! : 11'D/	311!y!311!y!411!n n)9#y!9#y!23#	5/1!L/X /

PROGRAMMABLE FURNACE

MODEL : MF-9P / MF-12P

Same as above but with Profile Temperature controller, temperature maintained by the programmable microprocessor controller having minimum 1 programs x 16 Segments (ramp / soak profile). Temp. Set Point Accuracy = $\pm 1^\circ\text{C}$.

MODEL	INNER MUFFLE SIZE W x H x D
NG: Q!NG 23Q	211!y!211!y!336!n n)5#y!5#y! : #
	236y!236!y!361!n n)6#y!6#y!21#
	261!y!261!y!411!n n)7#y!7#y!23#
	311!y!311!y!411!n n)9#y!9#y!23#

OPTIONAL :

Data logger to store data upto 1 Lakh records, the data can be download in pen drive and viewed on PC in excel sheet.



MODEL : MF-12P

BOTTOM LOADING FURNACE

MODEL : MBL - 15

TECHNICAL SPECIFICATIONS

- Maximum Temp. : 1500°C
- Working Temp. : 1400°C
- Heating Elements : Silicon Carbide Heating Element placed on two sides are easily replaceable.
- Insulation : High Density Ceramic Insulation.
- Construction : The furnace has opening at the Top and Bottom. The bottom lid is closed by Motorized Lifting, the crucible with the sample can be lifted for heating and lowered by push of a bottom (motorised)
- Control Panel : Placed on the side of the furnace with all components.
- Temp. Programmer : PID programmer having minimum 1 programs x 16 segments (ramp/soak.)
- Power Control : SCR Unit (Phase angle thyristor)
- Melting Capacity : 2-3Kg. (Aluminium), Size 150 x 150 x 200mm (W x L x H) OR 5-7Kg. (Aluminium), Size 200 x 200 x 250mm (W x L x H)
- Power Supply : 220Volts Single Phase 50Hz.



MODEL : MBL-15

OPTIONAL :

Data logger to store data upto 1 Lakh records, the data can be download in pen drive and viewed on PC in excel sheet.