

## Laboratory Furnace



## Muffle Furnace

Features and Technical Details	Units	Model		Model		Model	
		MF1200V1	MF1200V2	MF1400V1	MF1400V2	MF1600V1	MF1400V2
Maximum Temperature	°C	1225	1400	1400	1400	1700	1700
Cont. Working Temperature	°C	1200	1300	1300	1300	1600	1600
Dimensions (mm)							
Internal (H x W x D)	mm	150 x 150 x 200	200 x 200 x 300	150 x 150 x 200	200 x 200 x 300	150 x 150 x 200	200 x 200 x 300
External (H x W x D)	mm	550 x 440 x 540	975 x 550 x 720	770 x 490 x 530	975 x 550 x 720	770 x 490 x 530	840 x 580 x 640
Volume	Liters	4.5	12	4.5	12	4.5	12
Maximum Power	W	2000	3000	3500	4500	4000	6000
Connection of Heating element		Series	Series	Series	Series	Series	Series
Thermocouple Type		K	K	S	S	B	B
Weight	kg	55	70	85	159	107	173
Heating Rate	°C/min	≤10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10
Body Construction		SteelDouble Shell with fan cooling	Steel Double Shell with fan cooling	Double Shell with fan cooling	Double Shell with fan cooling	Double Shell with fan cooling	Double Shell with fan cooling
Surface Tem at Max Tem	°C	40	40	40	40	40	40
Temperature accuracy	+/- °C	1	1	1	1	1	1
Temperature Control		8 segment PID Controller	8 segment PID Controller	51 segment PID Controller	51 segment PID Controller	51 segment PID Controller	51 segment PID Controller
Insulation Type		Light Weight Vaccum Formed Fiber Board	Light Weight Vaccum Formed Fiber Board	Light Weight Vaccum Formed Fiber Board	Light Weight Vaccum Formed Fiber Board	Light Weight Vaccum Formed Fiber Board	Light Weight Vaccum Formed Fiber Board
Time to reach max. tem.	mins	140	140	140	140	140	140
Temperature uniformity inside hot zone	+/- °C	3	3	3	3	3	3
Price(INR)							

Apart from above, other sizes are also available on request.\*\* Rates are subject to vary, kindly confirm before placing the order.  
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