

Laboratory Furnace



Tube Furnace

Features and Technical Details	Units	Model		Model		Model	
		MF1200D1	MF1200D2	MF1400D1	MF1400D2	MF1600D1	MF1600D2
Maximum Temperature	oC	1225	1225	1400	1400	1700	1700
Cont. Working Temperature	oC	1200	1200	1300	1300	1600	1600
Tube Outer Diameter	mm	40	60	40	60	40	60
Tube Total Length	mm	750	1000	750	1000	700	1000
Tube Hot Zone Length	mm	200	300	200	300	200	300
Tube Type		Alumina/Quartz	Alumina/Quartz	Alumina	Alumina	Alumina	Alumina
Furnace Outer Dimension Excluding Tube (LxBxH)	mm	475 x 325 x 475	575 x 325 x 475	600 x 560 x 860	700 x 600 x 900	490 x 580 x 750	490 x 680 x 750
Time to reach max. Tem.	mins	140	140	140	140	107	107
Maximum Power	W	1800	2500	3500	4000	3500	4000
Connection of Heating Element		Series	Series	Series	Series	Series	Series
Thermocouple Type		K	K	S	S	B	B
Weight	Kg	50	65	72	150	90	130
Heating Rate	oC/min	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10
Body Construction		Steel Double 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	oC	40	40	40	40	40	40
Temperature accuracy	+/- oC	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
Temperature uniformity inside hot zone	+/- oC	3	3	3	3	3	3
Rate							

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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