

HIGH TEMPERATURE MUFFLE FURNACE - 1700°C



MODEL : MF - 17P

TECHNICAL SPECIFICATIONS

Maximum Temp.	1700°C
Working Temp.	1600°C / 1650°C
Temp. Accuracy	± 2°C
Heating Elements	Molybdenum discilicide (MoSi2) heating elements, easily replaceable.
Inner Chamber	Ceramic Brick /Board with heating elements placed on the side walls.
Insulation	Ultra high purity alumina low thermal mass insulation.
Construction	Tripple walled with air insulation on the outer side For Minimal Skin Temp.
Body	Made of mild steel duly Powder Coated
Door	Parallel action hinged type insulated with ceramic fibre and has a viewing cap.
Power Control	SCR unit (Phase Angle Thyristor)
Temp. Control	Microprocessor based Programmable Temperature Controller. Having 4 prog. x 6 segments. Dual display of Set & Actual Temp. with soft touch keys. With Thermocouple break protection & Cold junction compensation.
Sensor	Pt / Pt - Rh
Safety	High Speed Semi conductor Safety Fuse for over load protection. T.C. Broken Indication with automatic tripping. Soft start and stop facility, suitable for heating elements. Over current and Short Circuit Protection High Temp alarm.
Control Panel	Separate Control Panel with all Electrical Accessories.
Power Supply	415 Volts, 2/3 phase AC supply.



MODEL : MF-17P

INNER MUFFLE SIZE :

W x H x D	LOAD
150 x 150 x 300 mm	6.0 kw
150 x 150 x 150 mm	4.0 kw
200 x 200 x 200 mm	8.0 kw

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.

PROGRAMMABLE MUFFLE FURNACE - 1500°C

MODEL : MF - 14P

TECHNICAL SPECIFICATIONS

Maximum Temp.	1500°C
Working Temp.	1400°C
Temp. Accuracy	± 1°C
Heating Elements	Silicon Carbide Spiral / Rod type, with end connection, easily replaceable.
Inner Chamber	Ceramic Board with base plate of Silicon Carbide, with heating elements placed on the top.
Insulation	Ceramic Fibre of Zirconia grade
Construction	Tripple walled with air insulation on the outer side For Minimal Skin Temp.
Body	Made of mild steel duly Powder Coated
Door	Parallel action hinged type insulated with ceramic fibre and has a viewing cap.
Power Control	SCR unit (Phase Angle Thyristor)
Temp. Control	Microprocessor based programmable controller having 1 program x 16 segments (ramp / soak profile) Dual display of Set & Actual Temp. with soft touch keys. With Thermocouple break protection & Cold junction compensation.
Sensor	Pt / Pt - Rh 13%
Safety	Over current and Short Circuit Protection. Thermocouple break alarm High Temp. alarm
Control Panel	220 volts, single phase AC supply, 415 volts, 3 phase AC supply (for 6 kw & above)



MODEL : MF-14P

INNER MUFFLE SIZE :

W x H x D	LOAD
100 x 100 x 125 mm	2.5 kw
125 x 125 x 250 mm	3.0 kw
150 x 150 x 300 mm	4.0 kw
200 x 200 x 300 mm	6.0 kw
300 x 300 x 300 mm	7.0 kw

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.