



LABORATORY MUFFLE FURNACE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



BMF-A SERIES



DESCRIPTION:

Our **Muffle furnace** is ideal for ashing most types of organic and inorganic samples, heat treating small steel parts, performing ignition tests, conducting gravimetric analysis and for the determination of volatile and suspended solids. This will ensure the most uniform kind of distribution of heat.

Muffle Furnaces insulated with light weight ceramic wool insulation making it 1/4th in size and 30% lesser heavy respectively as compared to brick furnace. Also reduces the heat up time and low heat loss resulting in power saving.

TECHNICAL SPECIFICATIONS:

Model No.	BMF-449A	BMF-5510A	BMF-6612A	BMF-8812A	BMF-9918A
Chamber Size (mm)	100X100X225	125X125X250	150X150X300	200X200X300	225X225X450
Load	02 kw	02 kw	03 kw	7.5 kw	9.0 kw
Max. Temperature Range (°C)	Upto 950 °C				
Working Temperature Range (°C)	Upto 900 °C				
Heaters	Made of KANTHAL APM wire				
Controller	Dual Display PID based Digital Temperature Controller cum Indicator.				
Temp. Accuracy	+/- 5 °C				
Temp. Resolution	1 °C				
Sensor	K type sensor				
Vent Port	Built in vent port for removal of noxious gases etc with a provision of connecting the extension pipe.				
Calibration port	Provision of hole with cover in the Lid of Furnace for putting temperature sensor for calibration of equipment.				
Safety Feature	High Temperature Audio Alarm.				
Material of Construction	Outer Casing is made of Mild Steel Powder coating with insulating wall of light weight ceramic wool insulation.				
Heating chamber	Consist of rectangular horizontal totally enclosed Muffle bracket with Heating elements made of Nichrome/Kanthal wire, wounded externally on the muffle.				
Display	LED Digital				

- * Due to continue product development, product image & Specifications are subject to change.
- * Customization can be done as per user requirement.