

Muffle Furnace detail specification

- Maximum working temperature : 1000°C
- Inner chamber size: 18 x 18 x 18 (inch) not less than this size
- Temperature Accuracy: $\pm 1.0^{\circ}\text{C}$
- Temperature controller: The temperature controller should be a PID automatic control power control and programmable with necessary features.
- Heating rate: The furnace should be capable to maintain heating range varying from 1.0°C/min to 5.0°C/min or better. Also, the maximum attainable temperature should be reach as a ramp function.
- Internal chamber construction: Insulation as per temperature requirement
- External chamber construction: Non corrosive material
- Insulation: Ceramic wool insulation or equivalent to maintain a temperature near to ambient on outer surface of chamber.
- Working at power supply: 220/440 volts
- Heating element: Only branded