

## Muffle Furnances

We offer our clients with muffle furnaces that comprises double walled inner chamber, which is made of 4 siliminite refractory slabs. The outer chamber of these furnaces is made of cold rolled mild steel sheets finished in powder coating. Further, to minimize the radiation heat loss, these furnaces are insulation by ceramic fiber blankets.

### Key features:

- Double walled insulated door mounted on heavy duty hinges is provided with effective locking arrangements.
- Heating elements will be kanthal A1 coil suspended in the grooves of the refractory.
- Temperature of muffle furnace is maintained and controlled by a digital temperature controller working in conjunction with thermocouple placed in the hot zone.
- Supplied complete with control panel.
- Temperature Range: Ambient  $\pm$  5°C to 900 °C/1100 °C

### Technical specifications:

Sl.no	Capacity	Watts
1	4" x 4" x 9"	1800
2	5" x 5" x 10"	2500
3	6" x 6" x 12"	3000
4	8" x 8" x 12"	5000