

Muffle Furnace

Approx. **Rs. 30,000** / Piece

Product Details:

Model	Laboratory
Chamber size (mm X mm X mm)	4" X 4" X 9"
Material Loading	600 Kg
Capacity	
Voltage	220V or AC 380V 50/60 Hz
Operating Temperature	1. 1000°C max continuously 2. 1100°C max for 1 hour
Max. Temperature	1300 °C



It is a high temperature oven it is constructed as to heat materials to high temperatures in controlled Conditions. The term "muffle" refers to the insulated chamber in the furnace that separates the heating elements and the material being processed. This chamber protects the sample from contamination. Allows user to set and regulate the temperature. They can reach temperatures as high as 1300°C or even higher, depending on the model and specifications.

A muffle furnace is used for high-temperature applications such as fusing glass, creating enamel coatings, ceramics, soldering and brazing. They are used in research facilities, for example by chemists to determine what proportion of a sample is non-combustible and non-volatile.

❖ **Features:**

- Cost-effective
- Energy efficient
- High heat-resistant material
- High thermal conductivity
- Material production: copper, low-carbon steel and stainless steel
- Robust, with long service life
- Temperature uniformity
- Various temperature ranges (200 – 1300 °C)

❖ **Specifications:**

- Max. Working temp up to 1300 °C
- Digital Display