

# MUFFLE FURNACE

GENESYS LABORATORY MUFFLE FURNACE presents a wide range of general purpose bench-top laboratory muffle furnace and industrial furnace, especially built for laboratories and production industries where accuracy and safety are foremost requirements. These muffle furnace models are durable from top to bottom, energy efficient and perfectly work in tough conditions. Genesys Furnaces are easy to install and operate. Just set your desired process temperature and the digital controller will heat and control your furnace automatically. The outer case of is made of double walled thick PCRC sheet and duly painted with attractive stove enamel.



## TECHNICAL SPECIFICATIONS

- Temperature Range : 250°C to 1200°C
- Temperature Accuracy :  $\pm 2^{\circ}\text{C}$
- Supply : 230 Volt, 50Hz
- Power watts : 2kw/4kw/ 5kw
- Temperature Control : LED Microprocessor Control System
- Outer Chamber : M. S. Powder Coated
- Inner Chamber : Inner chamber of high temperature resistive ceramic
- Heater : Kanthal A1/ Silicon Carbide Rod / MoSi2

## SPECIAL SPECIFICATIONS

- Digital temperature range 250°C to 1200°C/1500°C
- Ceramic wool insulation permits faster heat up, reducing energy consumption
- Door safety switch stops power to heating elements when door is opened.
- Equipped with thermocouple break protection, that helps preventing thermocouple failure runaway condition
- Temperature sensor : Chromel/Alumel Thermocouple

## MODEL SELECTION

CATALOG NO.	DIMENSIONS (WDH) IN CM	WATTS
GMF - 01	10 X 10 X 22	1500
GMF - 02	12 X 12 X 25	2000
GMF - 03	15 X 15 X 22	2500
GMF - 04	15 X 15 X 30	3000