

# Muffle Furnace



## Product Info :

**Muffle Furnace** manufacturers and suppliers provide the best accuracy and efficiency quality testing instruments that are used in different industries for analysis of ash content present in any material. When a material is to be tested for its ash content or it is to be provided an isolated heat treatment, then the muffle furnace is used for that purposes. In the industries, when the materials are selected for any process, it is essential to analyse the chemical as well as physical composition of the materials. The muffle furnace is the instrument that is used in the industries for analysis of the ash content present in the materials. Along with that, as the instrument can be operated with extremely high temperature, it is also used for isolated heat treatment of different materials as well.

For materials, it is important to determine their chemical composition as well as their physical properties.

Pacorr is a known muffle furnace manufacturer and supplier offering high efficiency and precision testing instrument that can be used in a variety of industries to test the materials and ensure the best quality of the products. One of the most efficient and precise way to do it to turn it into ash completely and then analysis of that ash is performed to ensure that the constituency of the material being tested is up to the mark. The muffle furnace is the best equipment that can be used for turning the materials in complete ash with great ease. The instrument can help in ensuring that the combustion process of the material is not affected or contaminated with gas fumes, soot, or any other foreign elements. Pacorr's Muffle Furnace comes with an electrical heating element that eliminates chances of contamination of the ashes of the materials. To ensure no contamination, they need to perform the combustion process in isolation.

## TECHNICAL DATA :

- Model: PCMF-1
- Inner Chamber Sizes (In Inches): 4x4x9 / 5x5x10 / 6x6x12 Inches
- Display: Digital (LED)
- Least Count/Resolution: 1°C
- Sensor: J-type/K-type as per selection of range
- Power: 20A, 220V, Single phase, 50 Hz
- Timer Range: Up to 999 hrs.
- Temperature Range: Ranges available:
- Ambient – 900°C & Ambient – 1200°C

## FEATURES :

- Highly accurate test results under uniform temperatures in the chamber
- High Grade imported Glass Wool insulation
- Maximum Thermal Efficiency by insulation means.
- Advanced Digital Microprocessor based PID based temperature controller
- Auto tuning Advance PID controller
- SSR-based output controls

## Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.

11/15, Site-4 Industrial Area, Sahibabad, Ghaziabad- 201010, Contact No: +91-8882149230, Email Id: info@pacorr.com