

**MB LAB PRO
SERVICES**



Muffle Furnace

Advanced Environmental Testing for
Regulatory Compliance

Prepared by
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Product Overview

Brochure



Website

www.mblabproservices.com



Muffle Furnace



Introduction

A **Muffle Furnace** is a high-temperature laboratory and industrial heating system designed to perform processes that require precise, clean, and controlled thermal environments. By isolating the heating chamber from combustion gases and external contamination, muffle furnaces ensure accurate and repeatable results, even at elevated temperatures.

Muffle furnaces are widely used in material testing, ash content determination, heat treatment, calcination, sintering, and ceramic processing, where consistent thermal conditions are critical. These furnaces support both routine laboratory testing and advanced research applications across pharmaceutical, chemical, metallurgical, ceramic, and academic sectors.



Product Overview

Our **Muffle Furnaces** are engineered using advanced heating elements, high-grade insulation, and precise temperature controllers to achieve consistent results at elevated temperatures. These furnaces are suitable for continuous operation and critical applications where temperature accuracy and stability are essential.

Key Highlights

- **High Temperature Capability**

Suitable for applications requiring elevated and stable temperatures.

- **Uniform Heat Distribution**

Ensures consistent heating throughout the chamber.

- **High-Quality Insulation**

Minimizes heat loss and improves energy efficiency.

- **Accurate Digital Temperature Controller**

Enables precise temperature setting and monitoring.

- **Durable Inner Chamber**

Designed to withstand high temperatures and repeated use.

- **Safe & Reliable Operation**

Equipped with thermal protection for enhanced safety.



Product Details

Parameter	Details
Usage	Laboratory, Pharmaceutical, R&D, Chemical Analysis, Metallurgy, Ceramic Testing, Educational Institutions
Color	Grey / Stainless Steel Finish
Power Supply	Electric
Dimension	As per selected model (refer Technical Data table)
Voltage	230 V AC, 50 Hz
Material	Standard: Mild Steel body (powder coated) GMP: SS 304 body
Warranty	1 Year

View complete product information, specifications, and inquiry options

[View Details](#)



Thank You

Let's Build Reliable Testing Solutions Together

At **MB Lab Pro Services**, every **Muffle Furnace** is manufactured under strict quality control standards to ensure performance, durability, and safety. Our products are built to meet the needs of modern laboratories and industrial environments.



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