MUFFLE FURNACE

Code : G050



- The ALFA Muffle Furnace is engineered for high-temperature applications such as determining non-combustible and non-volatile content, loss on ignition, and ashing of organic and inorganic samples. Its robust design ensures precise and consistent performance in laboratory environments.
- Featuring a front-loading design, the furnace allows easy access to the chamber for convenient loading and retrieval of specimens. The high-grade ceramic fiber insulation minimizes thermal loss, enhancing energy efficiency and ensuring rapid heating cycles.
- Equipped with a Proportional Integral Derivative (PID) controller, the furnace offers accurate temperature regulation, allowing users to monitor current temperatures and set target temperatures with ease. A safety door switch is integrated to shut off control circuits when the door is opened, ensuring user safety during operation.
- Maintenance is streamlined with accessible heating elements and internal components, facilitating effortless servicing. ALFA also offers customization options to meet specific laboratory requirements.

STANDARDS

ASTM D4218 • ASTM D5630 • AASHTO T 267 • EN 12697-1

TECHNICAL SPECIFICATIONS

- Temperature Range: Up to 1500°C
- Control System: PID
- Insulation: High-grade ceramic fiber
- Loading Mechanism: Front-loading
- Power Supply Options: 220–240 V / 50–60 Hz or 380 V / 50–60 Hz

EQUIPPED WITH

- Safety door switch
- PID controller

ORDERING INFORMATION

Item Name	Item Code
PROGRAMMABLE CONTROLLER UPGRADE for G050	G050P001U
MUFFLE FURNACE - 1000 °C / 3 lt	G050X003U
MUFFLE FURNACE - 1100 °C / 6 lt	G050X106U
MUFFLE FURNACE - 1100 °C / 10 lt	G050X110U
MUFFLE FURNACE - 1200 °C / 7 lt	G050X207U
MUFFLE FURNACE - 1200 °C / 10 lt	G050X210U
MUFFLE FURNACE - 1200 °C / 15 lt	G050X215U

MUFFLE FURNACE - 1200 °C / 30 lt	G050X230V
MUFFLE FURNACE - 1400 °C / 5 lt	G050X405V
MUFFLE FURNACE - 1500 °C / 5 lt	G050X505V
MUFFLE FURNACE - 1600 °C / 10 lt	G050X610V