



# **15 L Muffle Furnace**

## **LX557MF**

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15 L Muffle Furnace LX557MF is a microprocessor controlled chamber with stable PID temperature control system. Equipped with a rapid heating speed of 60 mins to reach 1600 , the chamber adopts vacuum forming ceramic fiber with no power drops off with high temperature. Temperature uniformity with excellent protection of heating elements (MoSi<sub>2</sub> rod) is maintained. One press start button for pre-set programmes with alerting signal for overheating of chamber.

### Features

- High temperature heating alloy wire for heating elements
- Rapid heating speed is 60 mins to reach 1600 °C
- PID controlled temperature controller with a precision of 1 °C
- One button press start for pre-programmed functions
- Durable inner lining of light insulating bricks
- Double walled housing for high stability and easy air circulation
- MoSi<sub>2</sub> heating rod
- Alert signal for overheating of chamber
- Heat curve can be preset with the programmable function
- 2 programmable groups with 8 segments in each group

### Application

Used for fusing glass, soldering, brazing, creating enamel coatings, ceramics, research centers, medical laboratories to determine the non-volatile and non-combustible proportion of the sample and for highly sophisticated metallurgical applications

## Specifications

Model No.	LX557MF
Volume	15 L
Maximum temperature	1700 °C
Working temperature	1650 °C
Heating element	MoSi <sub>2</sub>
Temperature precision	± 1 °C
Heating speed	60 mins to reach 1600 °C
Programmable groups	2
Programmable segments	8
Chamber material	Alumina Ceramic Fiber
Thermocouple	B style
Voltage	220 V
Power	6 kW
Dimension ( W x L x H )	250 x 250 x 250 mm

## Standard accessories

Accessory No	Accessory
1	Crucible tong
2	High temperature gloves

## Optional Accessories

Accessory No	Accessory
1	Paperless recorder
2	Alumina crucible
3	Stainless steel exhaust chamber