



18 L Muffle Furnace

LX668MF

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18 L Muffle Furnace LX668MF is a microprocessor controlled chamber with stable PID temperature control system. Equipped with a rapid heating speed of 0 to 30 °C / min, the chamber adopts vacuum forming ceramic fiber with no power drops off with high temperature. Temperature uniformity with excellent protection of heating elements (SiC 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 - 0 to 30 °C / min
- 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
- 1700 °C MoSi₂ 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.	LX668MF
Volume	18 L
Maximum temperature	1400 °C
Working temperature	1350 °C
Heating element	SiC
Temperature precision	± 1 °C
Heating speed	0 to 30 °C / min
Programmable groups	2
Programmable segments	8
Chamber material	Alumina Ceramic Fiber
Thermocouple	S style
Voltage	220 V
Power	5 kW
Dimension (W x L x H)	250 x 300 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