



18 L Muffle Furnace

LX781MF

18 L Muffle Furnace LX781MF

18 L Muffle Furnace LX781MF is a microprocessor controlled chamber with stable PID temperature control system. Equipped with a heating speed of 15 to 30 mins, the chamber adopts vacuum forming ceramic fiber with no power drops off with high temperature. Temperature uniformity with excellent protection of heating elements (HRE) 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
- Heating speed - 15 to 30 mins
- 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
- 16 programmable groups with 30 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.	LX781MF
Volume	18 L
Maximum temperature	1200 °C
Working temperature	1150 °C
Heating element	HRE
Temperature precision	± 1 °C
Heating speed	15 to 30 mins
Programmable groups	16
Programmable segments	30
Chamber material	Alumina Ceramic Fiber
Thermocouple	K 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