

LABdex



3-L-Muffle-Furnace LX777MF

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Description:

3 L Muffle Furnace LX777MF is a microprocessor controlled chamber with stable PID temperature control system. Equipped with a heating speed of 15 to 45°C/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 45°C/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
- ❑ Alert signal for overheating of chamber
- ❑ Heat curve can be preset with the programmable function
- ❑ 4 programmable groups with 32 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	LX777MF
Volume	3 L
Maximum temperature	1200 °C
Heating element	HRE
Heating speed	15-45° C / min
Working temperature	1150 °C
Temperature precision	± 1 °C
Programmable groups	4
Programmable segments	32
Chamber material	Alumina Ceramic Fiber
Thermocouple	N style
Voltage	220 V
Power	2 kW
Dimension (W x L x H)	150 x 150 x 150 mm

Standard Accessories:

Accessories no.	Accessory
1	Crucible tong
2	High temperature gloves

Optional Accessories

Accessories no.	Accessory
1	Paperless recorder
2	Alumina crucible
3	Stainless steel exhaust chamber