

Benchtop Muffle Furnace

For Complete Details Visit omega.com/lmf

LMF Series Starts at
\$1800

Cabinet Constructed of 16-Gage Steel with Baked Epoxy Finish



LMF-A550/120, \$1800.

2 Models: Automatic and Programmable

550 in³ Chamber

LMF-3550 models feature digital display with 3-stage programmable temperature controller.

Analog prometer displays temperatures on LMF-A550 models.

LMF-3550/120, \$2630.

- ✓ 550 in³ Muffle Chamber
- ✓ 1100°C (2012°F) Max Operating Temperature
- ✓ Automatic and Programmable Models
- ✓ Modern Fiber/Firebrick Muffle Design
- ✓ 120 or 240 V

Specifications

Cabinet Dimensions:

41 H x 40 W x 39 cm D
(16.0 x 15.7 x 15.3")

Cabinet Construction: 16-gage steel with baked epoxy finish

Chamber Size: 9.13 L (550 in³)

Chamber Dimensions:

18 H x 23 W x 23 cm D (7 x 9 x 9")

Electrical Requirements:

15 A @ 120V, 50/60 Hz;
7.5 A @ 240V, 50/60 Hz

Power Consumption: 1800 W

Watts to Maintain 1000°C: 1025 W

Operating Temp Range:

LMF-A550: 200 to 1100°C
(392 to 2012°F)

LMF-3550: 50 to 1100°C
(122 to 2012°F)

Air Circulation: Top exhaust port

Muffle: Fiber insulation with firebrick heating plates

Heating and Cooling Times

Heating Temperature		Time (min)*	Cooling Temperature		Time (min)**
°C	°F		°C	°F	
200	392	5	1000	1832	5
400	752	10	800	1472	25
600	1112	20	600	1112	55
800	1472	30	400	752	110
1000	1832	50	200	392	180
1100	2012	65	-	-	-

* Time to heat up from room temperature to indicated temperature with no load.

** Time to cool down from 1100°C (2012°F) to indicated temperature with no load.

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Model No.	Price	Volts	Controller Type	Shipping Wt kg (lb)
LMF-A550/120	\$1800	100 to 125	Analog	23 (50)
LMF-A550/240	1800	200 to 250	Analog	23 (50)
LMF-3550/120	2630	100 to 125	Automatic	23 (50)
LMF-3550/240	2630	200 to 250	Automatic	23 (50)

Comes complete with ceramic floor tray, power cord 2.4 m (8') and operator's manual.

Replacement Parts and Accessory

Model No.	Price	Description
LMF-HP	\$170	Heating plate (1 plate)
LMF-TRAY	60	Ceramic floor tray
LMF-TC	45	Thermocouple, Type K, 14 AWG, 48" L

Ordering Example: LMF-3550/120, 120 V automatic control muffle furnace LMF-TRAY, spare ceramic floor tray, \$2630 + 60 = \$2690.