



## MUFFLE BOX FURNACE BFMF-1000-5

# MUFFLE BOX FURNACE BFMF-1000-5

## PRIMARY MUFFLE FURNACES



- Advanced heater protection, durable inner chamber and reliable.
- Ideal for basic ashing and burning processes.
- Bottom, side and top walls made of light firebrick.
- Lockable door handle.
- Thanks to the SSR driven duty cycle control algorithm, accurate temperature control.
- Standard chimney with fan
- Easy to use.
- Best price-performance ratio
- Dual shell housing for low outer surface temperature
- Ideal for washing of food, plastic and other organic materials
- Reliable

## SPECIFICATIONS

Model	BFMF-1000-5
Working Temperature	1000 °C
Volume	5L
Inner Chamber Dimensions [mm] WxHxD	150x150x225
Product Outer Dimensions [mm] WxHxD	376x559x435
Net Weight [kg]	24
Power [W]	2000
Max. Current [A]	9.1
Electrical Connection	1 Phase
Heating Element	Fe-Cr-Al
Thermocouple Type	K Type
Heating Element Placement	Embedded into brick walls
Inner Insulation Material	Insulating Fire Brick
Front Face Insulation Material	Ceramic Fibre Board
Door Insulation Material	Ceramic Fibre Board
Housing Material	Steel Sheet
Housing Coating	Epoxy powder coating
Chimney	Standard
Heating Element Protection	Quartz Tube
Lockable Door Handle	Sidewards
Gross Dimensions [mm] WxHxD	436x595x619
Gross Weight [kg]	36
Software	Primary P
Software based PID Control	YES
Display	7 Segment
Heating Program with	2 steps
Custom Preset Program	1
Heating Rate °C/min.	5-25
Date & Time	NO
Auto Start at Certain Date	NO
Show Remaining Waiting Time	NO

Skip the Waiting Step	NO
Temperature Calibration via Menu ( $\pm 1.0^{\circ}\text{C}$ )	NO
Sound Warnings at Step Changes	NO
Sound Warning at the End of the Program	YES
Total Working Hour Counter	NO
Calculator for Average Working Temperature	NO
Instantaneous Energy Consumption Indicator	NO
Over Heating Cut Off	YES
Open Door Sensor	NO
PC Connection Kit	NO
Warranty Period	2 Years
Note	* Only 5th memory supports 32 levels **Independent for each level
Alt Name	Primary Muffle Furnaces

## FEATURES

- Advanced heater protection, durable inner chamber and reliable.
- Ideal for basic ashing and burning processes.
- Bottom, side and top walls made of light firebrick.
- Lockable door handle.
- Thanks to the SSR driven duty cycle control algorithm, accurate temperature control.
- Standard chimney with fan
- Easy to use.
- Best price-performance ratio
- Dual shell housing for low outer surface temperature
- Ideal for washing of food, plastic and other organic materials
- Reliable
- 2 year warranty
- New monoblock body design
- They are economic models with optimum insulation properties and basic control options.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)