



MUFFLE BOX FURNACE BFX1E1 (BFMF-950-3)

MUFFLE BOX FURNACE BFX1E1

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	BFX1E1
Old Model	BFMF-950-3
Working Temperature	950 °C
Volume	3L
Inner Chamber Dimensions [mm] WxHxD	130x105x230
Product Outer Dimensions [mm] WxHxD	336x434x533
Net Weight [kg]	25
Power [W]	1500
Max. Current [A]	7
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	Sideways
Gross Dimensions [mm] WxHxD	420x620x620
Gross Weight [kg]	35
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 ($\pm 10^{\circ}\text{C}$)	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

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- Standard chimney with fan
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- Best price-performance ratio
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- 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.



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