



## MUFFLE BOX FURNACE BFX1F2

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## STARTER MUFFLE FURNACES



- Best price-performance ratio
- Dual shell housing for low outer surface temperature
- Ideal for ashing of food, plastic and other organic materials
- Reliable
- 1 year warranty except heating elements and thermocouples. They are super economic models with optimum insulation properties and basic control options.
- Economical, lightweight and reliable.
- Ideal for basic ashing, burning and similar processes.
- Bottom, side and top walls made of light firebrick.
- Lockable door handle.
- Thanks to SSR driven duty cycle control algorithm, accurate temperature control.

## SPECIFICATIONS

Model	BFX1F2
Maximum Working Temperature	1100 °C
Volume	5L
Continuous Working Temperature (°C)	1050°C
Inner Chamber Dimensions (mm) WxHxD	150x150x225
Product Outer Dimensions (mm) WxHxD	404x515x475
Net Weight (kg)	24
Power (W)	1600
Max. Current (A)	8
Electrical Connection	1 Phase
Heating Element	Fe-Cr-Al
Thermocouple Type	K Type
Heating Element Placement	Embedded into brick walls
Inner Insulation Material	Ceramic Fibre Board or 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	None or Basic Tube, Chimney on top
Lockable Door Handle	Sideways
Gross Dimensions (mm) WxHxD	445x685x515
Gross Weight (kg)	36
Software	Primary Px
Software based PID Control	YES
Display	7 Segment
Heating Program with	4 steps
Custom Preset Program	2
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	Starter Muffle Furnaces



## FEATURES

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- Lockable door handle.
- Thanks to SSR driven duty cycle control algorithm, accurate temperature control.
- Easy to use.



**Biolab Scientific Ltd.**

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