



MUFFLE BOX FURNACE BGI1N2

MUFFLE BOX FURNACE BGI1N2

1300°C MUFFLE FURNACE



- Unique design of furnace door makes opening door safe and easy, ensure the heat of furnace will not leak out.
- Microcomputer PID controller, easy to operate, accurate, reliable and safe temperature control
- Corrosion-resistant light weight furnace ensure long-term life. (Firebrick furnace or ceramic fiber furnace can be optional)
- The excellent door seal makes the heat loss minimum and increases the uniformity of the temperature in the furnace.
- Programmable controller with 10 groups procedures, each groups can set rising or remain temperature, and provide a program of temperature, time, heating power cycle.
- The furnace door panels are made of stainless steel, which has the characteris

SPECIFICATIONS

Model	BGI1N2
Furnace Dimension(WxDxH) mm	200x500x180
Exterior Dimension (WxDxH) mm	940x885x850
Furnace Volume	18L
Furnace Material	Firebrick furnace
Max. Temp	1300°C
Operating Temp.	≤1250°C
Temp. Controller	PID programmable controller
Temp. Accuracy	±1°C
Temp. Uniformity	5°C (Vertical direction)
Temp. Increasing/ Decreasing Time	≤45°C / min, 1000-300°C ≥5°C / min
Heating Element	Silicon Carbon Rod
Electrical Requirement	AC380V 50HZ
Power Rating	8KW
Alt Name	1300°C Muffle Furnace

FEATURES

- Unique design of furnace door makes opening door safe and easy, ensure the heat of furnace will not leak out.
- Microcomputer PID controller, easy to operate, accurate, reliable and safe temperature control
- Corrosion-resistant light weight furnace ensure long-term life. (Firebrick furnace or ceramic fiber furnace can be optional)
- The excellent door seal makes the heat loss minimum and increases the uniformity of the temperature in the furnace.
- Programmable controller with 10 groups procedures, each groups can set rising or remain temperature, and provide a program of temperature, time, heating power cycle.
- The furnace door panels are made of stainless steel, which has the characteristics of corrosion resistance and no deformation at high temperature.

Safety function:

- The safety switch will automatic shutdown when door open ensures the safety of the operator.
- Over-flow, over-voltage, overheating and various safety measures to ensure safety.
- Firebrick furnace (N series) use of traditional refractory materials, wide range of applications, long life and economic.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com