



MUFFLE BOX FURNACE BER1BG11

MUFFLE BOX FURNACE BER1BG11

1200°C CERAMIC FIBER MUFFLE FURNACE



1. Mirror stainless steel mouth, long-term use will not change color.
 2. Imported double insulated ceramic liner, stable performance.
 3. Vacuum forming polycrystalline mullite fiber furnace, high efficiency insulation.
 4. In the double shell, the air sleeve is insulated, and the double guiding air passage.
 5. High-precision micro-computer controller and precision sensor are perfectly integrated, and the temperature is accurate.
1. Import time control system and high precise sensor with sensitive response, high precision and good stability.
 2. Adding exhaust devices is beneficial to ashing.
 3. Split design, circuit detachable, easy to maintenance and repair.

SPECIFICATIONS

Model	BER1BG11
Heating Mode	Alloy wire heating in three sides left; right; top side
Structure	
--Temp. Range	100-1200°C
--Temp. Resolution Ratio	1°C
--Temp. motion	±1°C
--Temp. Rising time to max temp	≤30min
--Chamber material	Ceramic fiber
--Outer shell	Cold rolling steel electrostatic spraying exterior
--Insulation layer	Ceramic fiber
--Heater	Alloy heating wire
--Power rating	4.5kw
--Exhaust hole	Φ30mm(chimney size 80*60mm)
Controller	
--Temp. control mode	SX4 Type: Japaness conduction single-stage temperature controller
--Temp. setting mode	Touch button setting
--Temp. display mode	Measuring temperature: the upper row, setting temperature: the lower row
--Timer	No Timing Function
--Operation function	Fixed temperature operation, timing function, auto stop.
--Additional function	Sensor deviation correction, Temperature overshoot self-tuning, Internal parameter locked, Power-off parameter memory
--Sensor	High precision K-type sensor
Safety device	Manual door security lock, over temperature sound-light alarm, door opening electrical outage, over-temperature protection, thermocouple failure
Specification	
--Inner Chamber size(W*L*H)(mm)	200*300*200
--Exterior size(W*L*H)(mm)	530*785*720
--Packing size(W*L*H)(mm)	655*875*865
--Volume	12L
--Current rating (50/60HZ)	AC220V/20.4A
--NW/GW (kg)	62/68

Optional type	Air port, USB interface, 5.0inch true color screen, programmable controller with USB date storage function
Alt Name	1200°C Ceramic Fiber Muffle Furnace



FEATURES

1. Mirror stainless steel mouth, long-term use will not change color.
2. Imported double insulated ceramic liner, stable performance.
3. Vacuum forming polycrystalline mullite fiber furnace, high efficiency insulation.
4. In the double shell, the air sleeve is insulated, and the double guiding air passage.
5. High-precision micro-computer controller and precision sensor are perfectly integrated, and the temperature is accurate.

1. Import time control system and high precise sensor with sensitive response, high precision and good stability.
2. Adding exhaust devices is beneficial to ashing.
3. Split design, circuit detachable, easy to maintenance and repair.
4. P model is program temperature control type. program temperature controller can programme multistage program. Simplifies the experimental process and realizes automatic control and operation .

APPLICATIONS

Sintering, melting, elemental analysis and physical measurement within 1200°C of precise control.



Biolab Scientific Ltd.

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

Email: info@biolabscientific.com | Website: www.biolabscientific.com