



MUFFLE BOX FURNACE BER1BI3

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1700°C CERAMIC FIBER MUFFLE FURNACE



1. Mirror stainless steel furnace mouth, long-term use will not change color.
2. -forming polycrystalline mullite fiber furnace, high efficiency insulation.
3. Double shell, the air sleeve heat insulation, and double air guiding passage .
4. High-purity silicon--molybdenum rod heating, and with standard exhaust chimney.
5. High precision program controller, with imported sensor and imported voltage regulating module.
6. With leakage protection, thermocouple failure, door opening electrical outage, over-temperature protection and sound-light alarm safety device.
7. Lockable handle, quick detachable structure,easy to maintenance and repair.
8. Standard with insulated gloves, crucible tongs and Alumina load bearing board

SPECIFICATIONS

Model	BER1BI3
Function	
--Temp. Range	Max 1700°C (Long time continuous working temperature 1650°C)
--Temp. Accuracy	± 1°C
--Temp. Resolution Ratio	1°C
--Temp. RISING Time To Max Temp	≤140min
Structure	
--Furnace Body	HHR Polycrystalline Mullite Fiber
--Outer Shell	Cold rolling steel with electrostatic Spraying exterior
--Chamber Size	300*150*150
--Exhaust Hole	Di Φ 22, De Φ 18
--Heater	Silicon Molybdenum Rod
--Heating Power	9KW
Controller	
--Temp. Control	LED Programmed Controller
--Temp. Control Mode	Intelligent Microcomputer PID Control
--Display Mode	4 keys Settings
--Timer	0~9999min
--Operation Function	Constant Value Operation Or Program Operation
--Sensor	S-type Thermocouple
--Additional Function	Heating Start Stop Button, Sensor Fault Alarm, Temperature Overshoot Self Setting, Temperature Correction
--Safety Device	Over temperature Alarm, Leakage Protection, Door Opening Heating
Specification	
--Exterior Size (W*L*H)(mm)	750*815*1100
--Packing Size (W*L*H)(mm)	910*985*1310
--Volume	8L
--Current Rating (50/60HZ)	AC220V 50Hz
--Nw/Gw (kg)	110/130
Optional Type	485 Communication, U Disk Data Storage

Alt Name	30 Segment Domestic Controller
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FEATURES

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APPLICATIONS

It is used for sintering, melting and analyzing metal, nonmetal and other compound materials in laboratories of universities, research institutes and industrial and mining enterprises.



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