

Muffle Furnace

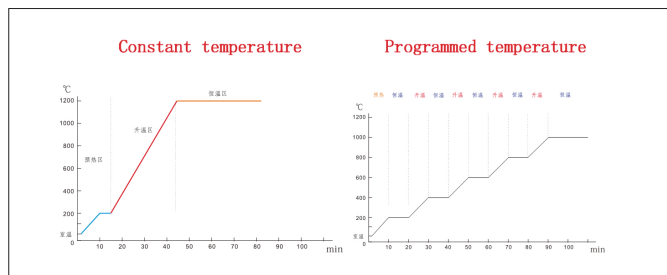
High quality electric furnace wire and alumina ceramic fiber insulation material provides efficient and reliable high-temperature heat treatment solutions for quenching, annealing, tempering of small steel parts which applied in industrial and mining enterprises, universities and research institutes; it can also be used as pre-treatment for sintering, ashing analysis, etc. of metal, stone tools and ceramics.

Features

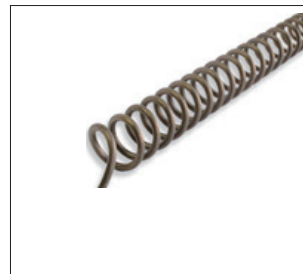
- The structural design and safety meet international electrical safety standards.
- Microcomputer PID controller, easy to operate, accurate and reliable temperature control.
- Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total.
- High quality heating elements has higher aging resistance, corrosion-resistant ceramic fiber furnace with light weight, they're built with long-life.
- The chimney ensures the combustion is more complete.
- Housing made of sheets of cold-rolled steel finish by powder coated.
- Present start and off function according customer requirement.
- Lightweight door design makes opening and closing door safe and easy.

Safety

- Low noise cooling fan, adjust the external temperature of the furnace body.
- Over-current, over-voltage, overheat and various safety measures to ensure safety.
- The safety switch will automatic shutdown when door open ensures the safety of the operator.
- Ceramic fiber furnace insulation material with good heat insulation effect, low temperature on shell surface.



Programmed temperature and constant temperature curve graph



High quality electric furnace wire



Ceramic fiber furnace



Specifications

Model		BWF-11/02	BWF-11/07	BWF-11/12	BWF-12/02	BWF-12/07	BWF-12/12
Chamber Volume(L)		2L	7L	12L	2L	7L	12L
Temperature	Maximum(℃)	1100			1200		
	Working(℃)	1000			1100		
Preset start and off		√			√		
Programmable Controller		√			√		
Datalogging		USB (option)					
Sensor		Type K thermocouple					
Insulation material		Alumina ceramic fiber					
Heating	Element	Fe-Cr-Al					
	Time(mins)	35 - 65			30 - 52		
Interior Dimension (WxDxH)mm		120× 200×80	200×300×120	300×200×200	120×200×80	200×300×120	300×200×200
External Dimension (WxDxH)mm		380×495×584	460×650×674	490 ×690×730	380×495×584	460×650×674	490×690×730
Safety	Chimney	√			√		
	Over-current protector	√			√		
	Power failure memory	√			√		
	Anti-scalding protection	√			√		
N/W(Kg)		35	45	67	35	45	67
Power Consumption (Kw)		1.5	3	4	1.5	3	4
Power Supply		220V 50/60HZ 1P					

Specifications

Model		BWF-11/02N	BWF-11/07N	BWF-11/12N	BWF-12/02N	BWF-12/07N	BWF-12/12N
Chamber Volume(L)		2L	7L	12L	2L	7L	12L
Temperature	Maximum(℃)	1100			1200		
	Working(℃)	1000			1100		
Preset start and off		√					
Programmable Controller		√					
Datalogging		USB (option)					
Sensor		Type K thermocouple					
Insulation material		Refractory bricks					
Heating	Element	Fe-Cr-Al					
	Time(mins)	35 - 65			30 - 52		
Interior Dimension (WxDxH)mm		120×200 ×80	200×300×120	300×200×200	120×200×80	200×300×120	300×200×200
External Dimension (WxDxH)mm		380×495×584	460×650×674	490×690×730	380×495×584	460×650×674	490×690×730
Safety	Chimney	√			√		
	Over-current protector	√			√		
	Power failure memory	√			√		
	Anti-scalding protection	√			√		
Power Consumption (Kw)		2.5	4	5	2.5	5	6
Power Supply		220V 50/60HZ 1P		380V 50/60HZ 3P	220V 50/60HZ 1P		380V 50/60HZ 3P