

It adopts a humanized design, elegant and easy to operate. The outer paint layer is treated with high-temperature baking process of powder coating, which makes it high temperature resistant, oxidation resistant, acid and alkali resistant.

- Structure Design

The sell adopts a double-layer forced air-cooling structure. Cooling is fast, which can make the external temperature of the furnace close to the room temperature when the furnace is at high temperature, avoiding the occurrence of accidental injuries.

- Furnace Chamber Design

It adopts a stepped assembly structure, integrates the laws of mechanics, effectively ensures the force is evenly applied during the heating process, guarantees that thermal energy is not easily lost, and prolongs the service life of the furnace chamber.

- Furnace Chamber Material

The furnace chamber is made of high qualified alumina ceramic fiber, with features of excellent heat preservation, light weight and high temperature resistance, resistant to sudden temperature changes, no cracks, no crystallization and on crumbling. There is no worry about polluting the products being fired.

- Temperature Control Mode

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Standard with intelligent 30 segment PID temperature control.

- Temperature Control Safety

The electric furnace adopts integrated circuit and module control to make the electric furnace work stably, reliably and safely. With protection functions such as bias temperature protection, over-temperature protection, broken circuit

Specification

Model	MF1-12	MF2-12E	MF6-12E	MF9-12	MF-2-14	MF-4-14
Temp.	1200°C	1200°C	1200°C	1200°C	1400°C	1400°C
Capacity	1L	4.5L	12L	36L	1L	4.5L
Chamber Size (W×D×H)(mm)	100×100×100	150×200×150	200×300×200	300×400×300	100×100×100	150×200×150
Consumption	1kw	2kw	6kw	9kw	2kw	4kw
External Size (W×D×H)(mm)	320×425×568	470×570×715	530×670×811	620×770×940	360×445×618	470×570×765
Shipping Size(W ×D×H)(mm)	525×550×885	575×755×1025	625×865×1105	725×975×1260	455×580×815	570×755×1010
G.W.	61kg	93kg	127kg	178kg	53kg	94kg
Power Supply	220/110V,50/60Hz 220/110V,50/60Hz 220/110V,50/60Hz 220/110V,50/60Hz 220/110V,50/60Hz 220/110V,50/60Hz					

Specification

Model	MF-9-14	MF-16-14	MF-2-17	MF-4-17	MF-9-17	MF-16-17
Temp.	1400°C	1400°C	1700°C	1700°C	1700°C	1700°C
Capacity	12L	36L	1L	4.5L	12L	36L
Chamber Size(W×D×H)(mm)	200×300×200	300×400×300	100×100×100	150×200×150	200×300×200	300×400×300

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Consumption	9kw	16kw	2kw	4kw	9kw	16kw
External Size (WxDxH)(mm)	530x670x846	620x770x985	320x425x568	470x570x815	530x670x906 620x770x1055	
Shipping Size(WxDxH)(m m)	625x865x1115	720x955x1280	425x565x810	575x760x1030	605x860x1120 725x975x1320	
G.W.	124kg	180kg	66kg	136kg	189kg	304kg
Power Supply	220/110V,50/60 Hz	110V-380V,50/60 0H	220/110V,50/60 Hz	220/110V,50/60 Hz	110V-380V,50/60H /60H	110V-380V,50

Specification

Item	1200℃	1400℃	1700℃
Max. Temperature	1200℃	1400℃	1700℃
Working Temperature	1100℃	1300℃	1600℃
Temperature Control Accuracy	±1℃		
Temperature Rising Speed	0-30℃/Min, adjustable (suggest ≤10℃/Min)	0-30℃/Min, adjustable (suggest ≤10℃/Min)	0-30℃/Min, adjustable (suggest ≤10℃/Min)
Heating Element	Resistance wire	Silicon carbide rod (SiC rod)	Silicon molybdenum rod (MoSi2 rod)
Temperature Sensor	K type (0-1200℃)	S type (0-1600℃)	B type (0-1820℃)
Heating Mode	Three sides heating	Two sides heating	Two sides heating
Chamber Material	Alumina ceramic fiber		
Standard Accessory	1 pair of crucible tongs, 1 pair of special high-temperature gloves		
Optional Accessory	LCD touch screen (50 segment PID temperature control)		

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