

1200°C Ceramic Fiber Muffle Furnace

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

Characteristics:

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



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MF4 model also has the following characteristics:

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

Main Technical Parameters:

Model		MF3-2.5-12	MF3-5-12	MF3-8-12	MF3-10-12	MF3-36-12
		MF3-2.5-12B	MF3-5-12B	MF3-8-12B	MF3-10-12B	
		MF4-2-12	MF4-7-12	MF4-12-12	MF4-16-12	MF4-36-12
		MF4-2-12B	MF4-7-12B	MF4-12-12B	MF4-16-12B	
		MF4-2-12P	MF4-7-12P	MF4-12-12P	MF4-16-12P	MF4-36-12P
		MF4-2-12PB	MF4-7-12PB	MF4-12-12PB	MF4-16-12PB	
Heating Mode		Alloy wire heating in three sides left; right; top side.				
Function	Temp. Range	100-1200°C				
	Temp. Resolution Ratio	1°C				
	Temp. motion	± 1°C				
	Temp. Rising time to max temp	≤ 30min				
Structure	Chamber material	Ceramic fiber				
	Outer shell	Without B: Cold rolling steel electrostatic spraying exterior; B type: SUS 304 Embossed stainless steel				
	Insulation layer	Ceramic fiber				
	Heater	Alloy heating wire				
	Power rating	1.5kw	3.0kw	4.5kw	6.0kw	9.0kw
	Exhaust hole	φ 30mm(chimney size 80*60mm)				
Controller	Temp. control mode	MF3 Type : domestic Xianmen Yudian single-stage temperature controller MF4 Type: Japaness conduction single-stage temperature controller MF4-P: Japaness Fuji color LCD 64- segment programmed temperature controller				
	Temp. setting mode	Touch button setting				
	Temp. display mode	Measuring temperature: the upper row, setting temperature: the lower row				
	Timer	Without P: No Timing Function; MF4-P: 0-99 hours and 59 minutes(with Timing Waiting Function) MF3: 00-3200min				
	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	MF3: Platinum rhodium sensor; MF4: High precision 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)	120*200*80	200*300*120	200*300*200	250*400*160	300*400*300
	Exterior size (W*L*H)(mm)	450*685*600	530*785*640	530*785*720	600*895*700	630*885*820
	Packing size (W*L*H)(mm)	570*770*740	650*870*780	655*875*865	720*980*845	750*970*965
	Volume	2L	7L	12L	16L	36L
	Current rating (50/60HZ)	AC220V/6.6A	AC220V/13.6A	AC220V/20.4A	AC380V/9.9A	AC380V/13.6A
	NW/GW (kg)	33/37	45/50	62/68	77/96	87/106
Optional type		Air port, USB interface, 5.0inch ture color screen, programmable controller with USB date storage function				