

1700°C Ceramic Fiber Muffle Furnace

This series of electric furnace is specially developed for sintering, melting and analysis of metal, non-metal and other compound materials in laboratories of universities, research institutes and industrial and mining enterprises.

Characteristics:

- Mirror stainless steel mouth,long-term use will not change color.Brand door handle with lock, cover quick removal structure to facilitate the replacement of silicon molybdenum rod.
- Vacuum forming high temperature resistant polycrystalline mullite fiber furnace, efficient heat preservation.Air jacket insulation in double housing. Double ventilation channels to ensure good ventilation and low shell temperature rise.
- High temperature and high purity silicon molybdenum rod, long working life, good furnace temperature uniformity.
- A full range of standard program temperature control meter, high-precision B-type sensor. voltage regulator module with all copper core transformer, stable furnace temperature control, high precision.
- Leakage protection, thermo couple failure, open door power off, over-temperature protection, over-temperature sound and light alarm lamp a number of safety protection measures to ensure the safety of the experiment.
- Standard heat insulation gloves, crucible pliers, alumina bearing plate.



Detail Display:



Main Technical Parameters:

Model	30 Segment Domestic Controller	TX4-2-17	TX4-4-17	TX4-8-17	TX4-12-17	TX4-20-17	TX4-36-17
	64 Segment Import Controller	TX 4-2-17P	TX4-4-17P	TX4-8-17P	TX4-12-17P	TX4-20-17P	TX4-36-17P
	30 Segment 7.0-inch Touch Screen	TX4-2-17PL	TX4-4-17PL	TX4-8-17PL	TX4-12-17PL	TX4-20-17PL	TX 4-36-17PL
Function	Temp Range	Max 1700°C(Long-term maximum continuous operating temperature 1650°C)					
	Temp Accuracy	±1°C					
	Temp Resolution Ratio	1°C					
	Temperature Rise Time	≤140 min					
Structure	Variable Hearth Volume	High temperature resistant polycrystalline mullite fibre					
	Exterior	Cold-rolled steel plate, surface spray treatment					
	Chamber Size	150*90*150	150*150*150	300*150*150	300*200*200	300*260*260	300*400*300
	Heater	High temperature resistant silicon molybdenum rod					
	Heating Power	3kW	5.5kW	9kW	10kW	12kW	15kW
Controller	Temp Control	No letter model: LED Programmed controller P-type: LCD Imported programmed controller PL type: 7.0 inch touch screen program temperature controller, with curve view, U diskdata storage function					
	Temperature Control Mode	Intelligent microcomputer PID control					
	Setting Method	No letters Model: 4 Key Settings P type: 5 key Settings Type PL: touch operation					
	Timer	No letter model: 0-9999 minutes Type P: 0-99 hours 59 minutes PL type: 0-9999 minutes					
	Operation Function	Fixed value running or program running					
	Sensor	Type B thermocouple					
	Additional Function	Heating start and stop button, sensor fault alarm, temperature overshoot self-setting, temperature correction Type PL has U disk data storage function					
	Safety Device	Over temperature alarm, leakage protection, door off heating					
	Exterior Size(W*L*H mm)	600*755*1100	600*815*1100	750*815*1100	750*865*1150	750*925*1210	750*1065*1250
	Packing Size(W*L*H mm)	760*925*1310	760*985*1310	910*985*1310	910*1045*1360	910*1105*1420	910*1265*1460
	Inner Volume	2L	3.4L	6.7L	12L	20L	36L
	Power Supply (50/60 Hz) Rated Current	AC220V50Hz			AC380V/50Hz		
	NW/GW(kg)	70/90	80/100	110/130	150/170	175/195	270/320
	Addable configuration	Charging port					