

Muffle Furnace



Features:

- * The fully mirrored stainless steel furnace mouth remains unchanged despite long-term use.
- * The high-quality, double-insulated ceramic liner ensures stable performance.
- * The vacuum-formed polycrystalline mullite fiber furnace chamber provides efficient heat preservation.
- * The high-precision microcomputer controller and precision sensors are perfectly integrated to ensure precise temperature control.
- * The double-shell design features an air jacket for insulation and dual air ducts, ensuring excellent ventilation and low shell temperature rise.
- * The power connection for MC10-12 is through the air switch

Technical Parameters:

Model	MC2.5-12	MC5-12	MC10-12
Max Temp.	1200°C		
Temp. Rising Time (Empty)	≤30min		
Temp. Accuracy	±1°C		
Capacity(L)	2	7	16
Power(KW)	1.5	3	6
Power Supply	Standard: AC220V 50/60Hz; optional: AC110V 50/60Hz		Standard: AC380V 50/60Hz; optional: AC220V 50/60Hz
Internal Size(W*D*H)mm	120*200*80	200*300*200	250*400*160
External Size(W*D*H)mm	450*685*600	530*785*640	600*895*700
Packing Size(W*D*H)mm	570*770*740	650*870*780	720*980*845
Gross Weight(kg)	37	50	96

Features:

- * TP Series are programmable temperature control.
- * Utilizing vacuum forming technology and a unique thermal insulation design, the furnace shell maintains a low outer surface temperature.
- * Equipped with an over-temperature alarm and built-in parameter password control.
- * Fast heating speed and low energy consumption when the furnace is empty, saving over 50% in energy savings.
- * Display accuracy is ±1°C; the surge temperature is less than 3°C.
- * Multiple safety features ensure excellent safety performance and a long service life.
- * The side-opening door is convenient and easy to use.
- * The power connection is through the air switch.



MX6-10T/TP; MX8-10T/TP; MX16-10T/TP; MX6-12T/TP; MX8-12T/TP; MX8-13T/TP; MX10-13T/TP; MX30-10T/TP; MX30-12T/TP
MX6-16TP/ MX6-17TP
MX11-16TP/ MX11-17TP

Technical Parameters:

Model	MX6-10T/TP	MX8-10T/TP	MX16-10T/TP	MX30-10T/TP	MX6-12T/TP	MX8-12T/TP	MX30-12T/TP
Max. Temp.(℃)	1000				1200		
Capacity(L)	6	8	16	30	6	8	30
Temp. Accuracy	±1℃						
Power(kW)	2.8	3.5	6	10	2.8	3.5	10
Power Supply	Standard: AC220 50/60Hz; optional: AC110 50/60Hz	AC220 50/60Hz	Standard: AC220 50/60Hz; optional: AC380 50/60Hz	Standard: AC220 50/60 Hz(3-phase); optional: AC380 50/60Hz	AC220 50/60Hz		Standard: AC220 50/60 Hz(3-phase); optional: AC380 50/60Hz
Heating Rate	1~30℃/min for TP series						
Temp. Uniformity	±6℃						
Material	External material: Cold rolled steel carbon steel spraying; Internal material: Ceramic inner chamber						
Heating Element	Electric furnace wire						
Temp. Control	Intelligent temperature controller						
Optional	Accessory	Observation hole; Exhaust chimney; Furnace bottom plate (MX30-12T/TP is standard); Paperless recorder					
	Functions	Automatically power off once the door is opened; 30 programmable periods (only for T Type)					
Internal Size(W*D*H)mm	180*230*150	200*300*120	250*400*160	300*500*200	180*230*150	200*300*120	300*500*200
External Size(W*D*H)mm	500*510*640	500*580*610	550*690*660	600*780*710	500*510*640	500*580*610	600*780*710
Packing Size(W*D*H)mm	630*700*870	630*800*870	680*910*870	870*1110*990	630*700*870	630*800*870	870*1110*990
Gross Weight(kg)	82	84	111	146	82	84	146

Model	MX8-13T/TP	MX10-13T/TP	MX6-16TP	MX11-16TP	MX6-17TP	MX11-17TP
Max. Temp.(°C)	1300		1600		1700	
Capacity(L)	8	10	6	11	6	11
Temp. Accuracy	±1°C					
Power(kW)	4		8	12	6	8
Power Supply	AC220 50/60Hz		Standard: AC220 50/60Hz; optional: AC380 50/60Hz(2-phase)	AC380 50/60Hz (2-phase)	Standard: AC220 50/60Hz; optional: AC380 50/60Hz(2-phase)	AC380 50/60Hz (2-phase)
Heating Rate	1~30°C/min for TP series		1~15°C			
Material	External material: Cold rolled steel carbon steel spraying; Internal material: Ceramic inner chamber					
Heating Element	Silicon carbon rod S type thermocouple		Silicon molybdenum rod type B thermocouple			
Temp. Control	Intelligent temperature controller					
Optional	Accessory	Observation hole; Exhaust chimney; Furnace bottom plate; Paperless recorder		Exhaust chimney; Paperless recorder		
	Functions	Automatically power off once the door is opened; 30 programmable periods (only for T Type)		Automatically power off once the door is opened		
Internal Size(W*D*H)mm	200*300*120	200*300*180	150*300*120	200*300*180	150*300*120	200*300*180
External Size(W*D*H)mm	580*630*700	580*630*750	750*810*1360	1000*900*1600	750*810*1360	1000*900*1600
Packing Size(W*D*H)mm	710*910*920	770*860*1050	920*800*1150	1200*1100*1800	800*920*1150	1200*1100*1800
Gross Weight(kg)	119	130	237	350	237	350