

Muffle Furnace



Features:

- * External material: cold-rolled steel with anti-bacterial powder coating and internal material: imported high density ceramic fiber. All stainless steel glory hole, make sure the color not change.
- * Dual ceramic inner chamber and hollow heat insulation ensure that the temperature can go up quickly. Heating rate is about 60°C/min.
- * Automatic parallel pressure door technology ensures the inner chamber temperature evenness and without leakage under the high temperature.
- * PID micro digital screen controller, fixing temperature, over-temperature alarming and auto-stop.
- * Safety protection measures: thermocouple failure, cut off power automatically when open the door and over temperature protection to avoid accidents occurring.
- * Double-shell hollow thermal insulation, the shell not hot and the furnace internal cool quickly.

Technical Parameters:

Model	MC2.5-12	MC5-12	MC10-12
Max Temp.	1200°C		
Temp. Rising Time (Empty/min)	20		
Temp. Accuracy	±1°C		
Capacity(L)	2	7.2	16
Consumption(KW)	2.5	5	6
Power Supply	110/220V±10%,50/60Hz	220V±10%,50/60HZ	220/380V±10%,50/60HZ
Internal Size(W*D*H)mm	200*120*80	300*200*120	400*250*160
External Size(W*D*H)mm	620*412*570	720*522*650	820*584*700
Package Size(W*D*H)mm	700*500*700	810*650*760	900*710*810
Gross Weight(kg)	45	60	98

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Features:

- * Program controlling temperature for TP series.
- * Heating wire is set in four sides of the furnace, anti-corrosion, prevent contamination.
- * Special insulation design, low shell temperature.
- * SCR control, PID parameter self-setting;
- * Low energy consumption.
- * Multiple safety protection design:
 - Over-temperature alarm;
 - Power off when over-temperature/over-load.
 - Manual or automatic switch without interference;
 - Built-in parameter password control function.



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.(°C)	1000			1200			
Capacity(L)	6	8	16	30	6	8	30
Temp. Accuracy	±1°C						
Consumption(KW)	2.8	3.5	6	10	2.8	3.5	10
Power Supply	220/380V±10%, 50/60HZ						
Heating Rate	0-30°C/min						
Rising Time(Empty)	30 minutes						
Temp. Uniformity	±6°C						
Material	External material: Cold rolled steel carbon steel spraying Internal material: Ceramic inner chamber						
Heating Element	Nickel chromium alloy wire						
Temp. Control	Intelligent temperature controller						
Optional Accessory Functions	Observation hole; Exhaust chimney; Furnace bottom plate Automatically power off once the door is opened; 30 programmable periods						
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	480*500*660	500*580*660	550*690*700	770*820*580	480*500*660	500*580*660	770*820*580
Package Size(W*D*H)mm	610*660*870	610*800*870	660*910*870	870*1110*800	610*660*870	610*800*870	870*1110*800
Gross Weight(kg)	65	75	80	85	65	75	85

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					
Consumption(KW)	4		6	8	6	8
Power Supply	220/380V±10%, 50/60HZ					
Heating Rate	0-30°C/min					
Rising Time(Empty)	30 minutes					
Temp. Uniformity	±6°C					
Material	External material: Cold rolled steel carbon steel spraying Internal material: Ceramic inner chamber					
Heating Element	Nickel chromium alloy wire					
Temp. Control	Intelligent temperature controller					
Optional Accessory Functions	Observation hole; Exhaust chimney; Furnace bottom plate Automatically power off once the door is opened; 30 programmable periods					
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	630*650*730	600*640*850	650*750*1000	700*750*1200	650*750*1000	700*750*1200
Package Size(W*D*H)mm	710*910*920	770*860*990	800*900*1150	850*900*1350	800*900*1150	850*900*1350
Gross Weight(kg)	70	75	180	220	180	220