

Lab & Medical Equipment



Muffel Furnace

BIOBASE GROUP

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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)	≤30		
Temp. Accuracy	±1°C		
Capacity(L)	2	7	16
Consumption(KW)	1.5	3	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	450*685*600	530*785*640	600*895*700
Package Size(W*D*H)mm	580*775*730	660*875*770	730*985*830
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.



MX6-10T/TP; MX8-10T/TP; MX16-10T/TP; MX6-12T/TP; MX8-12T/TP;MX8-13T/TP; MX10-13T/TP

MX6-16TP; MX11-16TP; MX6-17TP; MX11-17TP

MX30-10T/TP; MX30-12T/TP

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	4	6	10	2.8	4	10
Power Supply	220/380V±10%, 50/60HZ ;(110V only suitable for MX6-10T/TP)						
Heating Rate	0-30°C/min						
Rising Time(Empty)	30 minutes						
Temp. Uniformity	±5°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	Temperature measuring hole; Exhaust chimney; Furnace bottom plate					
	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*540	500*580*660	550*690*700	770*820*580	480*500*660	500*580*660	770*820*580
Package 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					
Consumption(KW)	4		6	8	5	8
Power Supply	220/380V±10%, 50/60HZ					
Heating Rate	0-30°C/min					
Rising Time(Empty)	30 minutes					
Temp. Uniformity	±5°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	Temperature measuring hole; Exhaust chimney; Furnace bottom plate				
	Functions	Automatically power off once the door is opened; 30 programmable periods(only for T Type)				
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*1050	920*800*1150	1100*1050*1350	800*920*1150	1100*1050*1350
Gross Weight(kg)	119	130	237	280	237	280