

## High Temperature Muffle Furnace

Muffle furnace is an essential equipment widely used in metallurgical laboratory for fusion experiment, heat treatment department for annealing, quenching and other high temperature places.

### Features

1. One-piece design, several sets of data shows in a big LCD screen, easy operator with elegant appearance.
2. PID high precision temperature control, zero power loss.
3. Imported HRE ultra-temperature alloy heating element, long life and energy-efficient.
4. Short temperature rising time, from room temperature to 1000°C/1200°C takes less than 30 minutes.
5. Little thermal pollution, new type ceramic fiber insulation material. When the temperature reaches 1000 °C and after lasting 1 hour, temperature of the shell will not be too hot (about 50 °C).
6. Several temperature controllers for customers to choose.

Little temperature fluctuation after going into the hold mode(temperature precision  $\pm 1^{\circ}\text{C}$ , temperature uniformity  $\pm 5^{\circ}\text{C}$ ).

P type step multiplex temperature controller, rise and fall slope can be preset



### Specifications

Model	1.5-10T/TP	2.5-10T/TP	4-10T/TP	8-10T/TP	16-10T/TP
Power	1.5KW	2.5KW	4KW	8KW	16KW
Temperature rising time	RT+10-1000 <30min	RT+10-1000 <30min	RT+10-1000 <30min	RT+10-1000 <30min	RT+10-1000 <40min
Type of heating element	Resistance wire				
Furnace dimension WxDxH(mm)	120x200x80	200x300x120	200x300x200	300x400x300	400x500x400
Overall dimension WxDxH(mm)	430x605x590	510x705x705	530x715x690	700x860x860	800x960x960
Nominal capacity	1.9L	7.2L	12L	36L	80L

Remarks: "T" —— Ceramic fiber furnace; "P" —— Intelligent program resistance furnace.

Model	1.5-12T/TP	2.5-12T/TP	4-12T/TP	8-12T/TP	16-12T/TP
Power	1.5KW	2.5KW	4KW	8KW	16KW
Temperature rising time	RT+10-1200 <30min	RT+10-1200 <30min	RT+10-1200 <30min	RT+10-1200 <30min	RT+10-1200 <40min
Type of heating element	Resistance wire				
Furnace dimension WxDxH(mm)	120x200x80	200x300x120	200x300x200	300x400x300	400x500x400
Overall dimension WxDxH(mm)	430x605x590	510x705x705	530x715x690	700x860x860	800x960x960
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