



High Temperature Muffle Furnace

◆ Summary

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

- One - piece design, several sets of data shows in a big LCD screen, easy operator with elegant appearance.
- PID high precision temperature control, zero power loss.
- Imported HRE ultra - temperature alloy heating element, long life and energy - efficient.
- Short temperature rising time, from indoor temperature to 1200°C takes less than 30 minutes.
- Little thermal pollution, new type ceramic fiber insulation material. When the temperature reaches 1000 °C and after lasting 1 hour, temperature of the shell is not so hot (about 50 °C)
- 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 <30min
Type of heating element	Resistance wire	Resistance wire	Resistance wire	Resistance wire	Resistance wire
Furnace dimension W×D×H(mm)	120×200 ×80	200×300 ×120	200×300 ×200	300×400 ×300	400×500 ×400
Overall dimension W×D×H(mm)	430×605 ×590	510×705 ×705	530×715 ×690	700×860 ×860	800×960 ×960
Nominal capacity	1.9L	7.2L	12L	36L	80L

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 <30min
Type of heating element	Resistance wire	Resistance wire	Resistance wire	Resistance wire	Resistance wire
Furnace dimension W×D×H(mm)	120×200 ×80	200×300 ×120	200×300 ×200	300×400 ×300	400×500 ×400
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Remarks: "T" —— Ceramic fiber furnace; "P" —— Intelligent program resistance furnace.

