

## AELAB Box Resistance Furnace(Muffle Furnace)

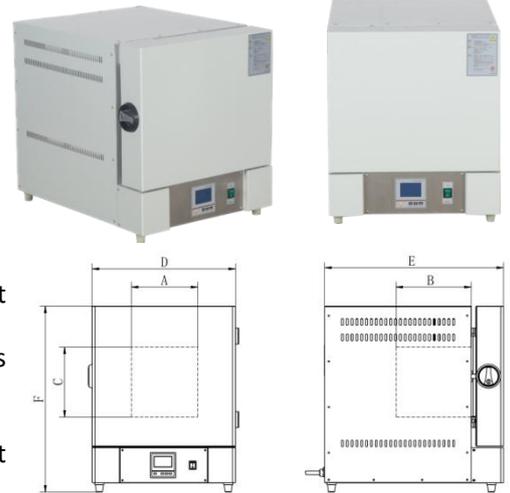
### Summary:

The box resistance furnace (muffle furnace) is an essential equipment, widely used in metallurgical laboratory for fusion experiment, heating treatment department for annealing, quenching and other high temperature places.

### Features:

- \* Big LCD screen shows data and is easy to view.
- \* PID microprocessor temperature controller with timing function is easy to operate.
- \* Imported ultra-temperature alloy heating element have long life, high efficient and energy saving.
- \* Short temperature rising time, from room temperature to 1200 °C takes less than 25 minutes.
- \* Little thermal pollution, using new type ceramic fiber insulation material.
- \* When the temperature reaches at 1200 °C, the furnace surface is not too hot about 50 °C.
- \* Intelligent programmable temperature controller can set multi-step temperature and time. (Model'TP')

Note: "T" means: ceramic fiber furnace, "P" means: intelligent program resistance furnace.



### Specifications

Model	1.5-10T/TP	2.5-10T/TP	4-10T/TP	8-10T/TP	16-10T/TP
Power Consumption	1.5KW	2.5KW	4KW	8KW	16KW
Temperature rise 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				
Interior Dimension (W*D*H mm)	120×200×80	200×300×120	200×300×200	300×400×300	400×500×400
Volume	1.9L	7.2L	12L	36L	80L
External Dimension (W*D*H mm)	440×565×555	515×665×600	535×665×700	705×825×910	800×1025×1005
Model	1.5-12T/TP	2.5-12T/TP	4-12T/TP	8-12T/TP	16-12T/TP
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Temperature rise time	RT+10~1200<30min	RT+10~1200<30min	RT+10~1200<30min	RT+10~1200<30min	RT+10~1200<40min
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### Remark:

1. The technical parameters are tested at the conditions of ambient temperature 20°C, 50%RH, no load, no strong magnetic and no vibration.
2. The picture is for reference only, please refer to the actual goods.