

## Muffle Furnace 1400



The TOB-KBF1400 Model small muffle furnace adopts silicon carbide as heating element, using double shell structure and 40 program temperature control system, electric phase-shifting trigger, thyristor control, furnace chamber using 1600 type polycrystal alumina fiber material, double layer between the furnace shell is equipped with air cooling system, to rise and down temperature quickly.

- Brand: TOB NEW ENERGY
- Item No.: TOB-KBF1400
- Order(Moq): 1 set
- Payment: L/C, T/T, Western Union, Paypal
- Product Origin: China
- Shipping Port: XIAMEN
- Lead Time: 7 days

## Product Detail

### 1400 Muffle Furnace with Programmable Controller And Silicon Carbide Heating

## SPECIFICATIONS

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This small muffle furnace has balanced Temperature field, low surface temperature, elevating temperature rate quickly, and energy saving advantages, It is the ideal laboratory equipment for universities, research institutes, industrial and mining enterprises to do powder such as battery materials LiFePO<sub>3</sub>, LiMnNiO<sub>3</sub> sintering, ceramic sintering, high temperature experiment and quality inspection.

| Model                  | Dimension (D*W*H)  | Power | Voltage     | Max temperature |
|------------------------|--|-------|-------------|-----------------|
| TOB-KBF1400-I          | 160*150*150mm  | 4kw   | AC110V/220V | 1400°C          |
| TOB-KBF1400-II         | 200*200*200mm  | 5kw   |             |                 |
| TOB-KBF1400-III        | 300*200*200mm  | 6kw   |             |                 |
| TOB-KBF1400-IV         | 300*250*250mm  | 7kw   |             |                 |
| TOB-KBF1400-V          | 400*300*300mm  | 10kw  | 380v        |                 |
| Heating element        | Silicon carbide  |       |             |                 |
| Temperature controller | 40 program temperature control system,<br>With over temperature, broken accidentally protection function,<br>6 groups of PID adjustment<br>Control precision of + / - 1 °C |       |             |                 |
| furnace chamber        | 1600 type Polycrystal alumina fiber  |       |             |                 |
| Warranty               | One year limited warranty with lifetime support  |       |             |                 |