

1200°C Muffle Furnace



Smart Touch Screen



12L Muffle Furnace

INTRODUCTION:

Engineers' ingenious flat design not only greatly enhance the proportion of space, but also fit most people's operating habits. Separate heating system and control unit can't interfere with each other, this can ensure that the electric components and the entire circuit system to maintain a safe and reliable working condition in a sustained high temperature environment. At the same of strict control product quality, we pay more attention to customers' experience to make the operation easier.

MAIN FEATURES:

1. Unique design, reasonable structure.
2. High volume chamber, ideal both for laboratory and production companies.
3. Accurate temperature control.
4. Full fiber structure, three sides heating, energy saving and high efficient.
5. Inorganic refractory materials, safe and environmental;
6. Touch-screen operation, simpler and detailed, perfect user experience.

TECHNICAL DATA:

| Model | MF1200-12L |
|------------------------------|--|
| Furnace structure | 1430 type high purity ceramic fibre insulation (energy saving 40% and weight lighter about 30% than old furnace) |
| | Double layers steel casing with fan cooling, to ensure the surface of furnace below 50.C |
| Chamber size (working space) | 200*200*300mm (also supply other sizes according to requirement) |

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| Max. temperature | 1200 (<3 hours) |
| Working temperature | Rt -1150°C |
| Capacity | 12 L |
| Intelligent Touch Screen Temperature controller | PID automatic control and auto-tune function |
| | 51 programmable segments for precise control |
| | Built in protection for over-heated and broken thermal couple |
| | 7'' Color Touch screen LCD man-machine English graphics interface, more intuitive and convenient operation. |
| | Can store sintering programs to avoid the trouble caused by repeated settings of different experimental processes. |
| Furnace Lining | Special top-quality lining import from Japan, will not pollute the product |
| Heating element | Top quality resistance wire |
| Heating rate | 0~20 /min |
| Temperature accuracy | +/- 1°C |
| Thermocouple | K type |
| Working voltage | AC 208 - 240V, 50/60 Hz (according to requirement) |
| Max. Power | 4 Kw |
| Dimension | 650(W)*520(H)*600(D)mm |
| Quantity / Net weight | 1set / 60kgs |
| Warranty | 12 months |
| Certificate | CE, ISO9001 |