

# High Temperature Muffle Oven Furnace For Laboratory Debinding And Pre Sintering

Item Number: KT-MD



## Introduction

KT-MD Debinding & Pre-Sintering Furnace for ceramics - precise temperature control, energy-efficient design, customizable sizes. Boost your lab efficiency today!

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| Furnace model                 |                      | KT-MD                                              |                      |
|-------------------------------|----------------------|----------------------------------------------------|----------------------|
| Constant work temperature     |                      | 1100/1300 °C                                       |                      |
| Chamber material              |                      | Japan alumina fiber                                |                      |
| Heating element               |                      | Cr2Al2Mo2 wire coil/Silicon Carbide                |                      |
| Heating rate                  |                      | 0-20°C/min                                         |                      |
| Temperature sensor            |                      | K/S type thermal couple                            |                      |
| Temperature controller        |                      | Digital PID controller/Touch screen PID controller |                      |
| Temperature control accuracy  |                      | ±1°C                                               |                      |
| Electric power supply         |                      | AC200-440V,50/60HZ                                 |                      |
| Standard Chamber Sizes Stocks |                      |                                                    |                      |
| Chamber size (mm)             | Effective volume (L) | Chamber size (mm)                                  | Effective volume (L) |
| 300x300x300                   | 27                   | 300x300x400                                        | 36                   |
| 400x400x400                   | 64                   | 500x500x500                                        | 125                  |
| 600x600x600                   | 216                  | 800x800x800                                        | 512                  |

**Note: Other sizes and volumes can be customized to your specific requirements.**

| No. | Description          | Quantity |
|-----|----------------------|----------|
| 1   | Furnace              | 1        |
| 2   | Thermal block        | 1        |
| 3   | Crucible tong        | 1        |
| 4   | Heat resistant glove | 1        |
| 5   | Operation manual     | 1        |