

Bottom Lifting Furnace

Item Number: KT-BL



Introduction

Efficiently produce batches with excellent temperature uniformity using our Bottom Lifting Furnace. Features two electric lifting stages and advanced temperature control up to 1600°C.

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| Furnace model | | KT-BL | |
|--|---------------------------------------|-------------------|----------------------|
| Working temperature range | 1100/1300/1600°C | | |
| Chamber material | Al2O3 polycrystalline fiber | | |
| Heating element | Silicon Carbide/Molybdenum Disilicide | | |
| Heating rate | 0-20°C/min | | |
| Temperature sensor | K/S/B type thermal couple | | |
| Temperature controller | Touch screen PID controller | | |
| Temperature control accuracy | ±1°C | | |
| Temperature uniformity | ±5°C | | |
| Electric power supply | AC110-220V,50/60HZ | | |
| Standard Chamber Sizes Stocks | | | |
| Chamber size (mm) | Effective volume (L) | Chamber size (mm) | Effective volume (L) |
| 200x200x300 | 12 | 400x400x500 | 80 |
| 300x300x300 | 27 | 500x500x500 | 125 |
| 300x400x300 | 36 | 600x600x600 | 216 |
| 400x400x400 | 64 | 800x800x800 | 512 |
| Customer design sizes and volume is accepted | | | |

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