# Vacuum Heat Treat Furnace With Ceramic Fiber Liner

## Item Number: KT-VF

### Introduction

Vacuum furnace with polycrystalline ceramic fiber insulation liner for excellent heat insulation and uniform temperature field. Choose from 1200℃ or 1700℃ max. working temperature with high vacuum performance and precise temperature control.

Learn More

| Furnace model | KT-VF12/KT-VF17 |
|---|---|
| Max. temperature | 1200/1700℃ |
| Constant work temperature | 1100/1600℃ |
| Chamber material | Ceramic polycrystalline fiber |
| Heating element | Cr2Al2Mo2 wire coil/Molybdenum Disilicide |
| Heating rate | 0-20℃/min |
| Temperature sensor | Build in K/B type thermal couple |
| Temperature controller | Touch screen PID controller with PLC |
| Temperature control accuracy | ±1℃ |
| Temperature uniformity | ±5℃ |
| Electric power supply | AC110-440V,50/60HZ |

| Standard Chamber Sizes Stocks | | | |
|---|---|---|---|
| Chamber size (mm) | Effective volume (L) | Chamber size (mm) | Effective volume (L) |
| 100x100x100 | 1 | 400x400x500 | 80 |
| 150x150x200 | 4.5 | 500x500x600 | 125 |
| 200x200x300 | 12 | 600x600x700 | 253 |
| 300x300x400 | 36 | 800x800x800 | 512 |
| **Customer design sizes and volume is accepted** | | | |