

# 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°C or 1700°C max. working temperature with high vacuum performance and precise temperature control.

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<b>Furnace model</b>	KT-VF12/KT-VF17
<b>Max. temperature</b>	1200/1700°C
<b>Constant work temperature</b>	1100/1600°C
<b>Chamber material</b>	Ceramic polycrystalline fiber
<b>Heating element</b>	Cr2Al2Mo2 wire coil/Molybdenum Disilicide
<b>Heating rate</b>	0-20°C/min
<b>Temperature sensor</b>	Build in K/B type thermal couple
<b>Temperature controller</b>	Touch screen PID controller with PLC
<b>Temperature control accuracy</b>	±1°C
<b>Temperature uniformity</b>	±5°C
<b>Electric power supply</b>	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**