

# Vacuum Heat Treat Furnace With Ceramic Fiber Liner

Item Number: KT-VF



## Introduction

KINTEK's Vacuum Furnace with Ceramic Fiber Lining offers precise high-temperature processing up to 1700°C, ensuring uniform heat distribution and energy efficiency. Ideal for labs and production.

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Furnace model	KT-VF12 / KT-VF17
Max. temperature	1200°C / 1700°C
Constant work temperature	1100°C / 1600°C
Chamber material	Ceramic polycrystalline fiber
Heating element	Cr2Al2Mo2 wire coil / Molybdenum Disilicide (MoSi2)
Heating rate	0-20°C/min (Adjustable)
Temperature sensor	Built-in K-type / B-type thermocouple
Temperature controller	Touch screen PID controller with PLC
Temperature control accuracy	±1°C
Temperature uniformity	±5°C
Electric power supply	AC110-440V, 50/60HZ (Customizable)

Standard Chamber Sizes Available (Customization Welcomed)			
Chamber size (mm) (D x W x H)	Effective volume (L)	Chamber size (mm) (D x W x H)	Effective volume (L)
100x100x100	1	400x400x500	80
150x150x200	4.5	500x500x600	125
200x200x300	12	600x600x700	253
300x300x400	36	800x800x800	512
Custom-designed sizes and volumes are accepted to meet your specific research needs.			