

## 2200 °C Graphite Vacuum Heat Treat Furnace

Item Number: KT-VG



### Introduction

2200°C Graphite Vacuum Furnace for high-temperature sintering. Precise PID control,  $6 \times 10^{-3}$  Pa vacuum, durable graphite heating. Ideal for research & production.

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Furnace model		KT-VG		
Max. temperature		2200 °C		
Constant work temperature		2100 °C		
Chamber insulation material		Graphite felt		
Heating element		Graphite resistant rod		
Heating rate		0-10°C/min		
Temperature sensor		T/R thermocouple and infrared thermometer		
Temperature controller		Touch screen PID controller with PLC		
Temperature control accuracy		±1°C		
Max. Vacuum Level		6*10 <sup>-3</sup> Pa (No-load, cold state)		
Vacuum Pressure Rise Rate		0.67Pa/h		
Electric power supply		AC110-440V,50/60HZ (Customizable)		
Standard Chamber Sizes (Customizable)				
Chamber size (mm) (WxDxH or Dia.xH)		Effective volume (L)	Chamber size (mm) (WxDxH or Dia.xH)	Effective volume (L)
200x200x300	12	400x400x600	96	
300x300x400	36	500x500x700	150	
KINTEK welcomes custom design requirements for chamber size and volume.				