

# 1400°C Controlled Atmosphere Furnace

Item Number: KT-14A



## Introduction

Achieve precise heat treatment with KT-14A controlled atmosphere furnace. Vacuum sealed with a smart controller, it's ideal for lab and industrial use up to 1400°C.

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<b>Furnace model</b>	KT-14A
<b>Max. temperature</b>	1400°C
<b>Constant work temperature</b>	1300°C
<b>Vacuum pressure</b>	0.1Mpa
<b>Vacuum valve</b>	Needle valve
<b>Chamber material</b>	Japan alumina fiber
<b>Heating element</b>	Silicon Carbide
<b>Heating rate</b>	0-20°C/min
<b>Temperature sensor</b>	S type thermal couple
<b>Temperature controller</b>	Digital PID controller/Touch screen PID controller
<b>Temperature control accuracy</b>	±1°C
<b>Temperature uniformity</b>	±5°C
<b>Electric power supply</b>	AC110-220V,50/60HZ

Standard Chamber Sizes Stocks			
Chamber size (mm)	Effective volume (L)	Chamber size (mm)	Effective volume (L)
100x100x100	1	300x300x400	36
150x150x150	3.4	400x400x400	64
150x150x200	4.5	500x500x500	125
200x200x200	8	600x600x600	216
200x200x300	12	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

