

1400°C Controlled Atmosphere Furnace With Nitrogen And Inert Atmosphere

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.

[Learn More](#)

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