

1400°C Muffle Oven Furnace For Laboratory

Item Number: KT-14M



Introduction

KT-14M Muffle Furnace: Precision 1400°C heating with SiC elements, PID control, and energy-efficient design. Ideal for labs.

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Furnace model		KT-14M	
Max. temperature		1400℃	
Constant work temperature		1300℃	
Chamber material		Japan alumina fiber	
Heating element		Silicon Carbide	
Heating rate		0-20℃/min	
Temperature sensor		S type thermal couple	
Temperature controller		Digital PID controller/Touch screen PID controller (KT-14M Pro)	
Temperature control accuracy		±1℃	
Temperature uniformity		±5℃	
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