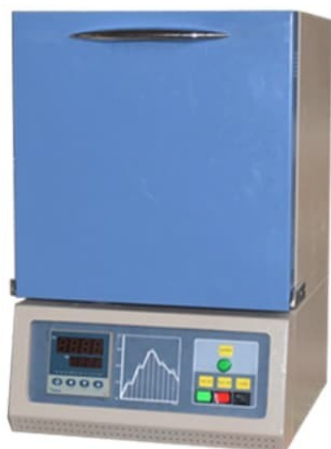


1200°C Muffle Oven Furnace For Laboratory

Item Number: KT-12M



Introduction

KINTEK KT-12M Muffle Furnace: Precision 1200°C heating with PID control. Ideal for labs needing rapid, uniform heat. Explore models & customization options.

[Learn More](#)

Furnace model		KT-12M / KT-12M Pro		
Max. temperature		1200°C		
Constant work temperature		1100°C		
Furnace tube material (if applicable, typically for tube furnaces)		High purity quartz (confirm if relevant for this muffle)		
Chamber material		Japan alumina fiber		
Heating element		Cr2Al2Mo2 wire coil		
Heating rate		0-30°C/min		
Temperature sensor		Build in K type thermal couple		
Temperature controller		Digital PID controller (KT-12M) / 7" Touch screen PID controller (KT-12M Pro)		
Temperature control accuracy		±1°C		
Temperature uniformity		±5°C		
Electric power supply		AC110-220V, 50/60HZ		
Standard Chamber Sizes In Stock				
Chamber size (mm) WxDxH		Effective volume (L)	Chamber size (mm) WxDxH	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	

Custom designed sizes and volumes are accepted. [Inquire for details.](#)

No.	Description	Quantity
1	Muffle Furnace (KT-12M or KT-12M Pro)	1
2	Thermal block/hearth plate	1
3	Crucible tong	1
4	Heat resistant gloves	1 pair
5	Operation manual	1