

1800°C Muffle Furnace

Item Number: KT-18M



Introduction

KT-18 muffle furnace with Japan Al₂O₃ polycrystalline fiber and Silicon Molybdenum heating element, up to 1900°C, PID temperature control and 7" smart touch screen. Compact design, low heat loss, and high energy efficiency. Safety interlock system and versatile functions.

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Furnace model	KT-18M		
Max. temperature	1800°C		
Constant work temperature	1700°C		
Chamber material	Japan alumina fiber		
Heating element	Molybdenum Disilicide		
Heating rate	0-20°C/min		
Temperature sensor	B 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
120x120x130	2	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