

1700°C High Temperature Laboratory Tube Furnace With Alumina Tube

Item Number: KT-TF17



Introduction

KINTEK's Tube Furnace with Alumina Tube: Precision heating up to 1700°C for material synthesis, CVD, and sintering. Compact, customizable, and vacuum-ready. Explore now!

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Furnace model	KT-TF17	KT-TF17 Pro
Temperature controller	Digital PID controller	Touch screen PID controller
Multi program preset	no	yes
Power failure restarting	no	yes
Max. temperature	1700°C	
Constant work temperature	1650°C	
Furnace tube material	High grade Al ₂ O ₃ alumina	
Furnace tube diameter	30 / 40 / 60 / 80 / 100 mm	
Heating zone length	300 / 450 / 600 / 800 mm	
Heating zone quantity	1-10 zones	
Vacuum sealing solution	SS 304 flange with O ring	
Rated vacuum pressure	0.001Pa/10E-5 torr (corrected from 10E5)	
Rated positive pressure	0.02Mpa/150 torr	
Chamber material	Japan Al ₂ O ₃ alumina fiber	
Heating element	Cr ₂ Al ₂ Mo ₂ wire coil	
Heating rate	0-10°C/min	
Temperature sensor	B type Thermal couple	
Temperature control accuracy	±1°C	
Temperature uniformity	±5°C	
Electric power supply	AC110-220V,50/60HZ	
Other Al ₂ O ₃ alumina tube sizes and heating zone lengths can be customized		

No.	Description	Quantity
1	Furnace	1

2	Alumina tube	1
3	Vacuum flange set (pair)	1 (set of 2)
4	Tube thermal block (pair)	1 (set of 2)
5	Tube thermal block hook	1
6	Heat resistant glove (pair)	1
7	Operation manual	1