



KINTEK FURNACE

Rotary Furnace Catalog

Contact us for more catalogs of [High Temperature Furnaces](#), etc.

KINTEK FURNACE

COMPANY PROFILE

>>> About Us

Kintek Furnace is a technology-driven innovator specializing in precision high-temperature laboratory equipment, including muffle furnaces, tube furnaces, vacuum furnaces, atmosphere-controlled systems, and advanced CVD/PECVD solutions. Designed for materials science, chemical research, and thermal processing applications, our robust, energy-efficient systems prioritize precision, safety, and repeatability in extreme heat environments, empowering researchers and industrial labs to achieve groundbreaking results.



Vacuum Sealed Continuous Working Rotary Tube Furnace

Rotating Tube Furnace

Item Number: KT-CRTF



Introduction

Precision rotary tube furnace for continuous vacuum processing. Ideal for calcination, sintering, and heat treatment. Customizable up to 1600°C.

[Learn More](#)

Furnace model	KT-CRTF12	KT-CRTF14	KT-CRTF16
Max. temperature	1200℃	1400℃	1600℃
Constant work temperature	1100℃	1300℃	1500℃
Heating rate	0-20℃/min	0-10℃/min	
Furnace tube material	Quartz/Metal alloys	Al2O3/Si3N4	
Rotary speed	0-20rpm		
Tilting angle	-5-30 degree		
Furnace tube diameter	30 / 40 / 60 / 80 / 100 / 120 / 150 / 230 / 280 mm		
Single heating zone length	300 / 450 / 600 / 800mm		
Vacuum sealing solution	SS 304 flange with O ring		
Chamber material	Japan alumina fiber		
Heating element	Cr2Al2Mo2 wire coil	SiC	MoSi2
Temperature sensor	K type	S type	B type
Temperature controller	Digital PID controller/Touch screen PID controller		
Temperature control accuracy	±1℃		
Electric power supply	AC110-220V,50/60HZ		
Different tube material and size and heating zone length can be customized to your specific requirements.			

Laboratory Vacuum Tilt Rotary Tube Furnace Rotating Tube Furnace

Item Number: KT-RTF



Introduction

KINTEK Laboratory Rotary Furnace: Precision heating for calcination, drying, sintering. Customizable solutions with vacuum & controlled atmosphere. Enhance research now!

[Learn More](#)

Furnace model	KT-RTF12	KT-RTF14	KT-RTF16
Max. temperature	1200°C	1400°C	1600°C
Constant work temperature	1100°C	1300°C	1500°C
Heating rate	0-20°C/min	0-10°C/min	
Furnace tube material	High purity quartz / 310S Stainless Steel	Al2O3 / Si3N4 / 310S Stainless Steel	
Rotary speed	0-20rpm (Steplessly adjustable)		
Tilting angle	-5 to +30 degrees (Adjustable, typical range, can be customized)		
Furnace tube diameter (mm)	30 / 40 / 60 / 80 / 100 / 120 / 150 / 230 / 280 (Customizable)		
Single heating zone length (mm)	300 / 450 / 600 / 800 (Customizable)		
Vacuum sealing solution	SS 304 flange with O-ring / Advanced dynamic sealing system		
Chamber material	High-purity alumina fiber (e.g., Japan Mitsubishi fiber)		
Heating element	Cr2Al2Mo2 wire coil (Fe-Cr-Al alloy doped with Mo)	SiC (Silicon Carbide)	MoSi2 (Molybdenum Disilicide)
Temperature sensor	K type	S type	B type
Temperature controller	Digital PID controller / Touch screen PID controller (with PLC)		
Temperature control accuracy	±1°C		
Electric power supply	AC110-220V (selectable), 50/60HZ, Single Phase / Three Phase (as per requirement)		
Different tube materials, sizes, heating zone lengths, and other specifications can be customized to meet your specific experimental requirements.			

Split Multi Heating Zone Rotary Tube Furnace Rotating Tube Furnace

Item Number: KT-MRTF



Introduction

Precision Split Multi Heating Zone Rotary Tube Furnace for high-temperature material processing, featuring adjustable tilt, 360° rotation, and customizable heating zones. Ideal for labs.

[Learn More](#)

Furnace model	KT-MRTF12	KT-MRTF14	KT-MRTF16
Max. temperature	1200°C	1400°C	1600°C
Constant work temperature	1100°C	1300°C	1500°C
Heating rate	0-20°C/min	0-10°C/min	
Furnace tube material	Quartz/Metal alloys	Al2O3/Si3N4	
Rotary speed	0-20rpm		
Tilting angle	-5-30 degree		
Furnace tube diameter	30 / 40 / 60 / 80 / 100 / 120 / 150 / 230 / 280 mm		
Single heating zone length	300 / 450 / 600 / 800 mm		
Heating zones quantity	2-8 zones		
Vacuum sealing solution	SS 304 flange with O ring		
Chamber material	Japan alumina fiber		
Heating element	Cr2Al2Mo2 wire coil	SiC	MoSi2
Temperature sensor	K type	S type	B type
Temperature controller	Digital PID controller/Touch screen PID controller		
Temperature control accuracy	±1°C		
Electric power supply	AC110-220V,50/60HZ		

Different tube material and size and heating zone length can be customized



Kintek Furnace

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