



KINTEK SOLUTION

## Tube Furnace Catalog

Contact us for more catalogs of [Sample Preparation](#), [Thermal Equipment](#), [Lab Consumables & Materials](#), [Bio-Chem Equipment](#), etc...

# KINTEK SOLUTION

## COMPANY PROFILE

### >>> About Us

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.

In the past 20 years, we earned rich experiences in this researching equipment field, we are capable to supply both the equipment and solution according to customer's needs and realities, we have also developed lots of customer tailored equipment according to a specific working purpose, and we have lots of successful projects in many universities and institutes from different countries, like Asia, Europe, North and South America, Australia and New Zealand, Middle East, and Africa.

Profession, quick response, hard working, and sincerity is a remarkable label of our team members working attitude, which earn us a sound reputation among our clients.

We are here and ready to service our clients from different countries and regions, and share the most efficient and reliable technology together!



# 1200°C Split Tube Furnace With Quartz Tube

Item Number: KT-TF12



## Introduction

KT-TF12 split tube furnace: high-purity insulation, embedded heating wire coils, and max. 1200C. Widely used for new materials and chemical vapour deposition.

[Learn More](#)

Furnace model	KT-TF12
Max. temperature	1200°C
Constant work temperature	1100°C
Furnace tube material	High purity quartz
Furnace tube diameter	30 / 40 / 60 / 80 / 100 / 120 /150 / 230 mm
Heating zone length	300 / 450 / 600 / 800 mm
Vacuum sealing solution	SS 304 flange with O ring
Rated vacuum pressure	0.001Pa/10E5 torr
Rated positive pressure	0.02Mpa/150 torr
Chamber material	Japan alumina fiber
Heating element	Cr2Al2Mo2 wire coil
Heating rate	0-20°C/min
Temperature sensor	Build in K 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

Other quartz size and heating zone length can be customized

No.	Description	Quantity
1	Furnace	1
2	Quartz tube	1
3	Vacuum flange	2
4	Tube thermal block	2
5	Tube thermal block hook	1
6	Heat resistant glove	1
7	Operation manual	1



# 1400°C Tube Furnace With Alumina Tube

Item Number: KT-TF14



## Introduction

Looking for a tube furnace for high-temperature applications? Our 1400°C Tube Furnace with Alumina Tube is perfect for research and industrial use.

[Learn More](#)

Furnace model	KT-TF14	KT-TF14 Pro
Temperature controller	Digital PID controller	Touch screen PID controller
Multi program preset	no	yes
Power failure restarting	no	yes
Max. temperature	1400°C	
Constant work temperature	1300°C	
Furnace tube material	High grade Al2O3 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/10E5 torr	
Rated positive pressure	0.02Mpa/150 torr	
Chamber material	Japan Al2O3 alumina fiberr	
Heating element	Cr2Al2Mo2 wire coil	
Heating rate	0-10°C/min	
Temperature sensor	S type thermal couple	
Temperature control accuracy	±1°C	
Temperature uniformity	±5°C	
Electric power supply	AC110-220V,50/60HZ	

Other Al2O3 alumina tube size and heating zone length can be customized

No.	Description	Quantity
1	Furnace	1
2	Alumina tube	1
3	Vacuum flange	2
4	Tube thermal block	2

Furnace model	KT-TF14	KT-TF14 Pro
5	Tube thermal block hook	1
6	Heat resistant glove	1
7	Operation manual	1

# 1700°C Tube Furnace With Alumina Tube

Item Number: KT-TF17



## Introduction

Looking for a high-temperature tube furnace? Check out our 1700°C Tube Furnace with Alumina Tube. Perfect for research and industrial applications up to 1700C.

[Learn More](#)

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 <sub>2</sub> O <sub>3</sub> 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/10E5 torr	
Rated positive pressure	0.02Mpa/150 torr	
Chamber material	Japan Al <sub>2</sub> O <sub>3</sub> alumina fiber	
Heating element	Cr <sub>2</sub> Al <sub>2</sub> Mo <sub>2</sub> 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 <sub>2</sub> O <sub>3</sub> alumina tube size and heating zone length can be customized		

No.	Description	Quantity
1	Furnace	1
2	Alumina tube	1
3	Vacuum flange	2

4	Tube thermal block	2
5	Tube thermal block hook	1
6	Heat resistant glove	1
7	Operation manual	1



# Multi Zone Tube Furnace

Item Number: KT-MTF



## Introduction

Experience precise, efficient thermal testing with our Multi Zone Tube Furnace. Independent heating zones and temperature sensors allow for controlled high-temperature gradient heating fields. Order now for advanced thermal analysis!

[Learn More](#)

Furnace model	KT-MTF	KT-MTF 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 Quartz/ Al2O3 alumina	
Furnace tube diameter	30 / 40 / 60 / 80 / 100 / 150 / 230 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/10E5 torr	
Rated positive pressure	0.02Mpa/150 torr	
Chamber material	Japan Al2O3 alumina fiber	
Heating element	Cr2Al2Mo2 wire coil	
Thermal couple	K /S/B type	
Temperature control accuracy	±1°C	
Temperature uniformity	±5°C	
Electric power supply	AC110-220V,50/60HZ	

Other Al2O3 alumina tube size and heating zone length can be customized

No.	Description	Quantity
1	Furnace	1
2	Alumina tube	1
3	Vacuum flange	2
4	Tube thermal block	2
5	Tube thermal block hook	1

6	Heat resistant glove	1
7	Operation manual	1

# High Pressure Tube Furnace

Item Number: KT-PTF



## Introduction

KT-PTF High Pressure Tube Furnace: Compact split tube furnace with strong positive pressure resistance. Working temp up to 1100°C and pressure up to 15Mpa. Also works under controller atmosphere or high vacuum.

[Learn More](#)

Furnace model	KT-PTF	KT-PTF Pro
Temperature controller	Digital PID controller	Touch screen PID controller
Multi program preset	no	yes
Power failure restarting	no	yes
Max. temperature	1100°C	
Constant work temperature	1000°C	
Furnace tube material	Super nickel based alloy	
Furnace tube diameter	50 / 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 solid copper seal ring	
Rated vacuum pressure	0.001Pa/10E5 torr	
Rated positive pressure	15 Mpa	
Chamber material	Japan Al2O3 alumina fiber	
Heating element	Cr2Al2Mo2 wire coil	
Temperature sensor	Build in K type Thermal couple	
Temperature control accuracy	±1°C	
Temperature uniformity	±5°C	
Electric power supply	AC110-220V,50/60HZ	

Other super nickel based alloy tube size and heating zone length can be customized

No.	Description	Quantity
1	Furnace	1
2	Alumina tube	1
3	Vacuum flange	2
4	Tube thermal block	2
5	Tube thermal block hook	1

6	Heat resistant glove	1
7	Operation manual	1

# Rtp Heating Tube Furnace

Item Number: KT-RTP



## Introduction

Get lightning-fast heating with our RTP Rapid Heating Tube Furnace. Designed for precise, high-speed heating and cooling with convenient sliding rail and TFT touch screen controller. Order now for ideal thermal processing!

[Learn More](#)

Furnace model	KT-RTP	KT-RTP Pro
Temperature controller	Digital PID controller	Touch screen PID controller
Multi program preset	no	yes
Power failure restarting	no	yes
Max. temperature	1100°C	
Constant work temperature	1000°C	
Furnace tube material	High grade Quartz/ Al2O3 alumina	
Furnace tube diameter	50 / 60 / 80 / 100 mm	
Heating zone length	300 / 450 / 600 / 800 mm	
Vacuum sealing solution	SS 304 flange with solid copper seal ring	
Rated vacuum pressure	0.001Pa/10E5 torr	
Chamber material	Japan Al2O3 alumina fiber	
Heating element	Cr2Al2Mo2 wire coil	
Temperature sensor	Build in K type Thermal couple	
Temperature control accuracy	±1°C	
Electric power supply	AC110-220V,50/60HZ	
Other furnace tube size and heating zone length can be customized		

No.	Description	Quantity
1	Furnace	1
2	Alumina tube	1
3	Vacuum flange	2
4	Tube thermal block	2
5	Tube thermal block hook	1
6	Heat resistant glove	1
7	Operation manual	1

# Vertical Tube Furnace

Item Number: KT-VTF



## Introduction

Elevate your experiments with our Vertical Tube Furnace. Versatile design allows for operation under various environments and heat treatment applications. Order now for precise results!

[Learn More](#)

Furnace model	KT-VTF	KT-VTF PRO
Temperature controller	Digital PID controller	Touch screen PID controller
Multi program preset	no	yes
Power failure restarting	no	yes
Max. temperature	1800°C	
Furnace tube material	High grade Quartz/ Al2O3 alumina	
Furnace tube diameter	50 / 60 / 80 / 100 mm	
Heating zone length	300 / 450 / 600 / 800 mm	
Vacuum sealing solution	SS 304 flange with solid copper seal ring	
Rated vacuum pressure	0.001Pa/10E5 torr	
Chamber material	Japan Al2O3 alumina fiber	
Heating element	Cr2Al2Mo2 wire coil/SiC/MoSi2	
Thermal couple	K /S/B type	
Temperature control accuracy	±1°C	
Electric power supply	AC110-220V,50/60HZ	

Other furnace tube size and heating zone length can be customized

No.	Description	Quantity
1	Furnace	1
2	Alumina tube	1
3	Vacuum flange	2
4	Tube thermal block	2
5	Tube thermal block hook	1
6	Heat resistant glove	1
7	Operation manual	1



## Kintek Solution

Head Quarter: No.89 Science Avenue, High-Tech Zone,  
Zhengzhou, China

Hongkong Office: 300 Lockhart Road, Wan Chai,  
Hongkong

Canada Office: Boulevard Graham, Mont-Royal, QC, H3P  
2C7, Canada

