



KINTEK SOLUTION

Muffle Furnace Catalog

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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 Muffle Furnace

Item Number: KT-12M



Introduction

Upgrade your lab with our 1200°C Muffle Furnace. Achieve fast, precise heating with Japan alumina fibers and Molybdenum coils. Features TFT touch screen controller for easy programming and data analysis. Order now!

[Learn More](#)

Furnace model	KT-12M
Max. temperature	1200°C
Constant work temperature	1100°C
Furnace tube material	High purity quartz
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/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
150x150x150	3.4	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

1400°C Muffle Furnace

Item Number: KT-14M



Introduction

Get precise high-temperature control up to 1500°C with KT-14M Muffle furnace. Equipped with a smart touch screen controller and advanced insulation materials.

[Learn More](#)

Furnace model	KT-14M
Max. temperature	1400°C
Constant work temperature	1300°C
Chamber material	Japan alumina fiber
Heating element	Silicon Carbide
Heating rate	0-20°C/min
Temperature sensor	S 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
150x150x150	3.4	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

1700°C Muffle Furnace

Item Number: KT-17M



Introduction

Get superior heat control with our 1700°C Muffle Furnace. Equipped with intelligent temperature microprocessor, TFT touch screen controller & advanced insulation materials for precise heating up to 1700C. Order now!

[Learn More](#)

Furnace model	KT-17M
Max. temperature	1700°C
Constant work temperature	1600°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

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.

[Learn More](#)

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

High Temperature Debinding And Pre Sintering Furnace

Item Number: KT-MD



Introduction

KT-MD High temperature debinding and pre-sintering furnace for ceramic materials with various molding processes. Ideal for electronic components such as MLCC and NFC.

[Learn More](#)

Furnace model	KT-MD
Constant work temperature	1100/1300 °C
Chamber material	Japan alumina fiber
Heating element	Cr2Al2Mo2 wire coil/Silicon Carbide
Heating rate	0-20°C/min
Temperature sensor	K/S type thermal couple
Temperature controller	Digital PID controller/Touch screen PID controller
Temperature control accuracy	±1°C
Electric power supply	AC200-440V,50/60HZ

Standard Chamber Sizes Stocks

Chamber size (mm)	Effective volume (L)	Chamber size (mm)	Effective volume (L)
300x300x300	27	300x300x400	36
400x400x400	64	500x500x500	125
600x600x600	216	800x800x800	512

Other sizes and volume can be customized

No.	Description	Quantity
1	Furnace	1
2	Thermal block	1
3	Crucible tong	1
4	Heat resistant glove	1
5	Operation manual	1

Bottom Lifting Furnace

Item Number: KT-BL



Introduction

Efficiently produce batches with excellent temperature uniformity using our Bottom Lifting Furnace. Features two electric lifting stages and advanced temperature control up to 1600°C.

[Learn More](#)

Furnace model	KT-BL
Working temperature range	1100/1300/1600°C
Chamber material	Al2O3 polycrystalline fiber
Heating element	Silicon Carbide/Molybdenum Disilicide
Heating rate	0-20°C/min
Temperature sensor	K/S/B type thermal couple
Temperature 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)
200x200x300	12	400x400x500	80
300x300x300	27	500x500x500	125
300x400x300	36	600x600x600	216
400x400x400	64	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



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