

Muffle Furnace



Max. Temperature	1200°C / 1400°C / 1700°C / 1800°C
Working Temperature	1100°C/1300°C/1600°C/1700°C-1750°C
Chamber Size	100x100x100mm, 200x150x150mm, 300x200x200mm, 400x300x300mm, or Customized
Temperature Control	PID automatic control and 30/50 programmable segments for precise control
Optional	PLC touch screen controller, paperless recorder, Remote communication control system, observation window, Gas inlet and venting port are installed for using at oxygen or inert gas atmospheres.

Muffle Furnace (PLC Touch Screen)



Mini Muffle Furnace



Mini Muffle Furnace Chamber Size	100x100x100mm
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Large Capacity Muffle Furnace



1200°C 1000x500x1000mm



1400°C 2200x300x300mm.



Atmosphere Gas Protective Furnace



Max. Temperature	1200°C / 1400°C / 1700°C / 1800°C
Working Temperature	1100°C / 1300°C / 1600°C / 1700°C -1750°C
Chamber Size	100x100x100mm, 200x150x150mm, 300x200x200mm, 400x300x300mm or Customized.
Temperature Control	PID automatic control and 30/50 programmable segments for precise control.
Inert Gas	N ₂ , O ₂ , CO ₂ atmosphere protective available.
Max. Vacuum	-0.1Mpa
Optional	PLC touch screen controller, paperless recorder, Remote communication control system, 2-4 gas mixing system

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Large Capacity Atmosphere Gas Furnace



1700°C chamber size: 400x400x400mm



1700°C chamber size: 500x500x500mm



1700°C with chamber size: 600x600x600mm

Crucible Furnace



Max. Temperature	1200°C / 1400°C / 1700°C
Working Temperature	1100°C / 1300°C / 1600°C
Chamber Size	Φ100xH120mm, Φ120xH200mm, Φ100xH300mm, Φ150xH200mm, Φ190xH340mm, Φ240xH500mm or customized

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Temperature Control	PID automatic control and 30/50 programmable segments for precise control
Max. Vacuum	-0.1Mpa.
Optional	PLC touch screen controller, paperless recorder, Remote communication control system, 2-4 gas mixing system
Note: Vacuum and atmosphere protective are available	

High Vacuum Furnace



Max. Temperature	1200°C / 1400°C / 1700°C / 1800°C
Working Temperature	1100°C /1300°C /1600°C /1700°C
Heating Elements	Fe-Cr-Al-Mo alloy wire / SiC heater/MoSi2 heater
Chamber Size	100x100x100mm, 200x150x150mm,300x200x200mm,400x300x300mm or customized.
Temperature Control	PID automatic control and 30/50 programmable segments for precise control.
Inert Gas	N2, O2, CO2 atmosphere protective available.
Vacuum Range	10 ⁻⁵ Pa ~100pa; 100pa ~ 1Pa; 1Pa ~10 ⁻³ Pa.



Max. Temperature	2000°C / 2200°C
Working Temperature	1900°C /2000°C
Heating Elements	Graphite heater
Chamber Size	Φ90x120mm, Φ160x160mm, Φ320x320mm.
Temperature Control	PID automatic control and 30/50 programmable segments for precise control.
Atmosphere Protective	99.99% N2 or Ar

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Vacuum Range	6.67x10 ⁻² Pa.
Optional	PLC touch screen controller, paperless recorder, Remote communication control system, 2-4 gas mixing system, water cooling system.

Vacuum Gas Quenching Furnace



Max. Temperature	1300°C
Working Temperature	750°C ~1300°C
Heating Elements	Graphite heater / molybdenum / Tungsten;
Insulation Layer	Graphite / stainless steel / molybdenum + stainless steel
Chamber Size	300x200x200mm, 600x400x400mm, 700x500x500mm, 900x600x600mm, 1200x700x700mm, 1500x800x800mm or customized.
Temperature Control	PID automatic control and 30/50 programmable segments for precise control. Inert gas, N ₂ , O ₂ , CO ₂ atmosphere protective available.
Gas Cooling Pressure	0.8 / 2 / 6 / 10 Bar;
Pressure Rise Rate	0.65Pa/h;
Working Vacuum Range	6.65x10 ⁻¹ Pa or 6.65x10 ⁻³ Pa or higher

Tube Furnace



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Max. Temperature	1200°C / 1400°C / 1700°C /1800°C
Working Temperature	1100°C /1300°C /1600°C /1700°C
Tube Size	Φ40-120mm, heating zone: 200mm, 300mm, 400mm, 600mm or customized.
Temperature Control	PID automatic control and 30/50 programmable segments for precise control.
Inert Gas	N2, O2, CO2 atmosphere protective available.
Low Vacuum	-0.1Mpa
High Vacuum	10Pa, 1.33x10 ⁻¹ ~1.33x10 ⁻² Pa, 1.33x10 ⁻³ Pa or higher;
Optional	PLC touch screen controller, paperless recorder, Remote communication control system, 2-4 gas mixing system, higher vacuum optional.



1200°C Two heating zones tube furnace



1400°C 2 heating zones tube furnace



1200°C 3 heating zones tube furnace



1200°C 5 heating zones tube furnace

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1200°C CVD(PECVD) tube furnace with 2-4 gas channels mixing system
Heating zone: single zone, 2 heating zone, 3 heating zone, 5 heating zone.
Gas mixing system: 2-4 gas channels.



Float flow meter system:
 Range: 0.03-0.3SLM, 10-100SCCM,
 16-160ml/min, 25-250cc/min or more optional;



Mass flow meter system:
 5sccm, 10sccm, 20sccm, 30sccm, 50sccm, 100sccm,
 200sccm, 300sccm, 500sccm; 1slm, 2slm, 3slm, 5slm, 10slm optional.

Rotary Tube Furnace



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Max. Temperature	1200°C / 1400°C / 1700°C
Working Temperature	1100°C / 1300°C / 1600°C
Tube Size	Φ40-120mm, heating zone: 200mm, 300mm, 400mm, 600mm or customized
Tube Rotating Speed	0~30 RPM variable; Furnace tilt angle: 0 - 30°
Temperature Control	PID automatic control and 30 programmable segments for precise control.
Multiple heating zone can be available.	



Rapid Thermal Processing RTP Tube Furnace



Vertical Tube Furnace	1200°C / 1400°C / 1700°C
Working Temperature	1100°C / 1300°C / 1600°C
Tube Size	Φ40-120mm, heating zone: 200mm, 300mm, 400mm, 600mm or customized
Temperature Control	PID automatic control and 30/50 programmable segments for precise control.
Inert Gas	N ₂ , O ₂ , CO ₂ atmosphere protective available.
Low Vacuum	-0.1Mpa.

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Simple multiple position 1200°C tube furnace: $\Phi 60\text{mm} \times 300\text{mm}$.

Bottom Loading Furnace



Max. Temperature	1200°C / 1400°C / 1700°C
Working Temperature	1100°C / 1300°C / 1600°C
Chamber Size	100x100x100mm, 200x150x150mm, 300x200x200mm, 400x300x300mm or customized
Temperature Control	PID automatic control and 30/50 programmable segments for precise control.
Inert Gas	N ₂ , O ₂ , CO ₂ atmosphere protective available.

Dental Sintering Furnace



1200°C vacuum porcelain furnace 1700°C dental zirconia sintering furnace

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