Bogie Hearth Electric Furnaces



Furnace and heating process equipment

widely using at

Institutions of higher learning

scientific research institutions

experimental laboratory

industrial and mining enterprises

The equipment designed for pyrolysis, melting, analysis and production ceramics, metallurgy, electronics, machinery, chemical, glass, refractories, for develop new material, special materials, construction materials, the equipment is suitable for institutions of higher learning and laboratory of scientific research institute and industrial and mining enterprises.

www.gwdl.net

Made In China

China Made

Guoju with 200 employees have been developing and producing industrial furnaces for many different applications for over 10 years。As a furnace manufacturer, Guoju offers the widest and deepest range of furnaces. Around 1000 satisfied customers in more than 34 Provinces offer proof of our commitment to excellent design, quality and cost efficiency. Short delivery times are ensured due to our complete inhouse production and our wide variety of standard furnaces.

Excellent Quality、High Reputation

product has the advantages of automatic control, fast heat, energy saving, simple operation, programmable microcomputer control, automatic temperature control, temperature control precision and high precision of constant temperature, the furnace shell temperature is close to indoor temperature etc., we got excellent feedback from our customers! After years of development the company has a maturity high temperature kiln production line, and also has a Middle or high scientific research team, it is a specializes in the research and production and marketing integrated private enterprise. Our company based on the principle of seeking truth from facts innovation first and user foremost, keep introduced advanced technology and modern management experience from domestic and international, and also made the rigorous process standard and strict quality control system and testing method.

Sales and Service Network - Close to you

All type furnace and kiln have the high level of automation, are of domestic leading position, sold to 20 provinces, cities, autonomous regions, special economic regions, state major university, state major laboratory, institute of Chinese academy of sciences, Chinese institutions of higher learning, which has been exported to North America, Russia, Philippines, Japan and other countries. Also have the high reputation in the same industry.

Customer Service and Spare Parts

The staff of our company's customer service department will be eager to answer all the questions which you ask. Due to our complete inhouse production, we can dispatch most spare parts from stock over night or produce with short delivery time.

Bogie Hearth Electric Furnaces （GWL-STCS）

GWL Series 1200℃ Bogie Hearth Electric Furnaces

The equipment designed for pyrolysis, melting, analysis and production ceramics, metallurgy, electronics, machinery, chemical, glass, refractories, for develop new material, special materials, construction materials, the equipment is suitable for institutions of higher learning and laboratory of scientific research institute and industrial and mining enterprises.

The control panel equipped with the intelligent adjustment device, power control switch, main working/stop button，voltmeter、ammeter、Computer interface、 Observe port／Air inlet port， for convenience to observe the furnace working status, the product using reliable integrated circuit, excellent working environment, anti-interference, the highest temperature of furnace shell temperature is less than 45 can greatly improve the working environment，micro computer program control, programmable setting temperature rise curve，Fully automatic temperature rise / cooling，Temperature control parameters and programs can be modified during operation, which is flexible, convenient and simple in operation.

Temperature Control Accuracy：± 1℃，Temperature Constant Accuracy： ±1℃. Fast Temperature rise rate，Maximum heating rate≤30℃/min. Furnace hearth materials made up by vacuum forming high purity alumina light materials(Will be changing due to the temperature required), High temperature for use，Less heat storage amount，Tolerance the extremely heating and cold、no crack， No dregs， Excellent thermal insulation performance (the energy saving effect is over 60% of the traditional furnace).Reasonable structure, Double layer furnace cover，Air cooling，Greatly shortening the experimental period.

Model	GWL-STCS				
Working Temperature	1200℃	1400℃	1600℃	1700℃	1800℃
Maximum Temperature	1250℃	1450℃	1650℃	1750℃	1820℃
Furnace Door Open method	Electric control rises to open (Opening status can be modified)				
Temperature Rise Rate	Temperature Rise Rate Can Be Modify (30℃/min ｜ 1℃/h), Company Suggest 10-20℃/min.				
Refractories	High purity alumina fiber polymer light material				
Loading Platform Capacity	100Kg to 10Ton (Can be modify)				
Loading Platform Passes In And Out	Electric machinery				
Rated Voltage	220V/380V				
Temperature Uniformity	±1℃				
Temperature Control Accuracy	±1℃				
Standard Accessories	Heating Elements, Specification Certificate, Heat Insulation Brick, Crucible Pliers, High Temperature Gloves.				

Furnace Hearth Standard Dimension

Furnace Hearth Dimension	Power Rating	Weight	Appearance Dimension
800*400*400mm	35KW	Around 450Kg	1500*1000*1400mm
1000*500*500mm	45KW	Around 650Kg	1700*1100*1500
1500*600*600mm	75KW	Around 1000Kg	2200*1200*1600
2000*800*700mm	120KW	Around 1600Kg	2700*1300*1700
2400*1400*650mm	190KW	Around 4200Kg	3600*2100*1700
3500*1600*1200mm	280KW	Around 8100Kg	4700*2300*2300

Characteristic:

Open Model: Bottom Open;

1. Temperature accuracy: ±1℃ ; Constant temperature: ±1℃(Base on Heating zone size) 。
2. Simplicity for operation, programmable , PID automatic modify, automatic temperature rise, automatic temperature retaining , automatic cooling, unattended operation
3. Cooling structure: Double Layer Furnace Shell, Air Cooling.
4. Furnace surface temperature approach the indoor temperature.
5. double layer loop protection. (over temperature protection, over pressure protection, over current protection, thermocouple protection, Power supply protection and so on)
6. Importing refractory, excellent temperature retaining effect, high temperature resistance, Tolerance the extreme heat and cold
7. Furnace hearth materials: 1200℃: High Purity Alumina Fiber Board; 1400℃: High purity alumina (Contain zirconium) fiberboard; 1600℃: Import High Purity Alumina Fiber Board; 1700℃-1800℃: High Purity alumina polymer fiber board.
8. Heating Elements: 1200℃: Silicon Carbide Rod or Electric Resistance Wire; 1400℃: Silicon Carbide Rod ; 1600-1800℃: Silicon molybdenum Rod

Furnace Hearth Can Be Customized, More Details Please Contact Us

Bogie Hearth Electric Furnaces （GWL-STCC）

GWL Series 1200℃-1800℃ Bogie Hearth Electric Furnaces

The equipment designed for pyrolysis, melting, analysis and production ceramics, metallurgy, electronics, machinery, chemical, glass, refractories, for develop new material, special materials, construction materials, the equipment is suitable for institutions of higher learning and laboratory of scientific research institute and industrial and mining enterprises.

The control panel equipped with the intelligent adjustment device, power control switch, main working/stop button，voltmeter、ammeter、Computer interface、 Observe port／Air inlet port， for convenience to observe the furnace working status, the product using reliable integrated circuit, excellent working environment, anti-interference, the highest temperature of furnace shell temperature is less than 45 can greatly improve the working environment，micro computer program control, programmable setting temperature rise curve，Fully automatic temperature rise / cooling，Temperature control parameters and programs can be modified during operation, which is flexible, convenient and simple in operation.

Temperature Control Accuracy：± 1℃，Temperature Constant Accuracy： ±1℃. Fast Temperature rise rate，Maximum heating rate≤30℃/min. Furnace hearth materials made up by vacuum forming high purity alumina light materials(Will be changing due to the temperature required), High temperature for use，Less heat storage amount，Tolerance the extremely heating and cold、no crack， No dregs， Excellent thermal insulation performance (the energy saving effect is over 60% of the traditional furnace).Reasonable structure, Double layer furnace cover，Air cooling，Greatly shortening the experimental period.

Model	GWL-STCC				
Working Temperature	1200℃	1400℃	1600℃	1700℃	1800℃
Maximum Temperature	1250℃	1450℃	1650℃	1750℃	1820℃
Furnace Door Open method	The furnace door and furnace bottom side are integrated, electric control furnace door, the motor drive reducer drives the loading platform passes in and out, and the limited bit switch is installed				
Temperature Rise Rate	Temperature Rise Rate Can Be Modify（30℃/min | 1℃/h）, Company Suggest 10-20℃/min.				
Refractories	High purity alumina fiber polymer light material				
Loading Platform Capacity	100Kg to 10Ton (Can be modify)				
Loading Platform Passes In And Out	Electric machinery				
Rated Voltage	220V/380V				
Temperature Uniformity	±1℃				
Temperature Control Accuracy	±1℃				
Standard Accessories	Heating Elements, Specification Certificate, Heat Insulation Brick, Crucible Pliers, High Temperature Gloves.				

Furnace Hearth Standard Dimension

Furnace Hearth Dimension	Power Rating	Weight	Appearance Dimension
800*400*400mm	35KW	Around 450Kg	1500*1000*1400mm
1000*500*500mm	45KW	Around 650Kg	1700*1100*1500
1500*600*600mm	75KW	Around 1000Kg	2200*1200*1600
2000*800*700mm	120KW	Around 1600Kg	2700*1300*1700
2400*1400*650mm	190KW	Around 4200Kg	3600*2100*1700
3500*1600*1200mm	280KW	Around 8100Kg	4700*2300*2300

Characteristic：

Open Model: Bottom Open;

1. Temperature accuracy：±1℃ ; Constant temperature：±1℃(Base on Heating zone size) 。
2. Simplicity for operation, programmable，PID automatic modify, automatic temperature rise, automatic temperature retaining , automatic cooling，unattended operation
3. Cooling structure: Double Layer Furnace Shell, Air Cooling.
4. Furnace surface temperature approach the indoor temperature.
5. double layer loop protection. (over temperature protection, over pressure protection, over current protection, thermocouple protection, Power supply protection and so on)
6. Importing refractory，excellent temperature retaining effect，high temperature resistance, Tolerance the extreme heat and cold
7. Furnace hearth materials: 1200℃：High Purity Alumina Fiber Board; 1400℃：High purity alumina (Contain zirconium) fiberboard; 1600℃：Import High Purity Alumina Fiber Board; 1700℃-1800℃：High Purity alumina polymer fiber board.
8. Heating Elements: 1200℃: Silicon Carbide Rod or Electric Resistance Wire; 1400℃: Silicon Carbide Rod ; 1600-1800℃: Silicon molybdenum Rod

Furnace Hearth Can Be Customized, More Details Please Contact Us

Bogie Hearth Electric Furnaces （GWL-STCY）

GWL Series Bogie Hearth Electric Furnaces

The equipment designed for pyrolysis, melting, analysis and production ceramics, metallurgy, electronics, machinery, chemical, glass, refractories, for develop new material, special materials, construction materials, the equipment is suitable for institutions of higher learning and laboratory of scientific research institute and industrial and mining enterprises.

The control panel equipped with the intelligent adjustment device, power control switch, main working/stop button，voltmeter、ammeter、Computer interface、 Observe port／Air inlet port， for convenience to observe the furnace working status, the product using reliable integrated circuit, excellent working environment, anti-interference, the highest temperature of furnace shell temperature is less than 45 can greatly improve the working environment，micro computer program control, programmable setting temperature rise curve，Fully automatic temperature rise / cooling，Temperature control parameters and programs can be modified during operation, which is flexible, convenient and simple in operation.

Temperature Control Accuracy：± 1℃，Temperature Constant Accuracy： ±1℃. Fast Temperature rise rate，Maximum heating rate≤30℃/min. Furnace hearth materials made up by vacuum forming high purity alumina light materials(Will be changing due to the temperature required), High temperature for use，Less heat storage amount，Tolerance the extremely heating and cold、no crack， No dregs， Excellent thermal insulation performance (the energy saving effect is over 60% of the traditional furnace).Reasonable structure, Double layer furnace cover，Air cooling，Greatly shortening the experimental period.

Model	GWL-STCY				
Working Temperature	1200℃	1400℃	1600℃	1700℃	1800℃
Maximum Temperature	1250℃	1450℃	1650℃	1750℃	1820℃
Furnace Door Open method	The furnace door and furnace bottom side are integrated, electric control furnace door, the motor drive reducer drives the loading platform passes in and out, and the limited bit switch is installed				
Temperature Rise Rate	Temperature Rise Rate Can Be Modify（30℃/min | 1℃/h）, Company Suggest 10-20℃/min.				
Refractories	High purity alumina fiber polymer light material				
Loading Platform Capacity	100Kg to 10Ton (Can be modify)				
Loading Platform Passes In And Out	Electric machinery				
Rated Voltage	220V/380V				
Temperature Uniformity	±1℃				
Temperature Control Accuracy	±1℃				
Standard Accessories	Heating Elements, Specification Certificate, Heat Insulation Brick, Crucible Pliers, High Temperature Gloves.				

Furnace Hearth Standard Dimension

Furnace Hearth Dimension	Power Rating	Weight	Appearance Dimension
800*400*400mm	35KW	Around 450Kg	1500*1000*1400mm
1000*500*500mm	45KW	Around 650Kg	1700*1100*1500
1500*600*600mm	75KW	Around 1000Kg	2200*1200*1600
2000*800*700mm	120KW	Around 1600Kg	2700*1300*1700
2400*1400*650mm	190KW	Around 4200Kg	3600*2100*1700
3500*1600*1200mm	280KW	Around 8100Kg	4700*2300*2300

Characteristic：

Open Model: Bottom Open;

9. Temperature accuracy：±1℃ ; Constant temperature：±1℃(Base on Heating zone size) 。
10. Simplicity for operation, programmable，PID automatic modify, automatic temperature rise, automatic temperature retaining , automatic cooling，unattended operation
11. Cooling structure: Double Layer Furnace Shell, Air Cooling.
12. Furnace surface temperature approach the indoor temperature.
13. double layer loop protection. (over temperature protection, over pressure protection, over current protection, thermocouple protection, Power supply protection and so on)
14. Importing refractory，excellent temperature retaining effect，high temperature resistance, Tolerance the extreme heat and cold
15. Furnace hearth materials: 1200℃：High Purity Alumina Fiber Board; 1400℃：High purity alumina (Contain zirconium) fiberboard; 1600℃：Import High Purity Alumina Fiber Board; 1700℃-1800℃：High Purity alumina polymer fiber board.
16. Heating Elements: 1200℃: Silicon Carbide Rod or Electric Resistance Wire; 1400℃: Silicon Carbide Rod ; 1600-1800℃: Silicon molybdenum Rod

Furnace Hearth Can Be Customized, More Details Please Contact Us