



高新技术企业/专精特新企业  
专业的高温加热制造工厂 (-100~2600°C)

中国热处理行业协会理事单位  
ISO45001:职业健康管理体系建设认证  
ISO14001:环境管理体系认证  
ISO9001:质量管理体系认证  
欧盟CE产品认证



咨询电话 13271526781  
+86 379-69936789



1100-degree atmosphere-sealed furnace



category	1100 degrees
	GWL-1100LB
Parameters, model specifications	Furnace dimensions (depth-width-height) mm: 800x650x650
(furnace	380V
	50KW
dimensions), power	Two
supply (AC), power control range for temperature sensing element.	thermocouples (one on the left and one on the
Temperature control point/temperature measuring element	right), each with a temperature range of 0-1320 degrees Celsius and a K-type calibration, are installed evenly on both sides and
Heating element mounting position	the bottom of the furnace. The

thermocouples are 80-1100 degrees Celsius. The temperature range is 0-1250 degrees Celsius. Main station: [www.gwdl.com](http://www.gwdl.com)

Email : [wqq@gwdl.com](mailto:wqq@gwdl.com) Contact information : [13271526781](tel:13271526781), [0379-69936789](tel:0379-69936789)

Address : No. 1, Xingye 1st Road, Science and Technology Industrial Park, Jianxi District, Luoyang City, Henan Province



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Heating element	It uses imported Kanthal resistance wire, and the embedded installation of the resistance wire makes it easy to replace.
temperature control	±1 degree (integrated circuit control, no overshoot)
accuracy and furnace temperature uniformity	±5 degrees
Hot air mixing	<p>The function of hot air stirring: Air vanes are installed at the top of the furnace. The rotation of these vanes stirs the temperature inside the furnace.</p> <p>Spend</p> <p>The uniform distribution of temperature and the stepless speed regulation of the rotation speed through the frequency converter ensure uniform temperature inside the furnace.</p>
Agitator blade chiller	310S stainless steel
	2P chiller
Furnace door opening method	Pneumatic lifting and locking: opening and closing heights controlled by a switch. The furnace body is completely sealed.
Temperature control system	<p>Equipped with a 10-inch touchscreen for centralized control, the temperature controller uses high-precision 0.1-level 50-segment temperature control, and the touchscreen can store data.</p> <p>15 sintering curves; PLC uses internationally top-tier (Siemens brand); power regulator uses an integrated (four-in-one) design.</p> <p>(Chuan Yingjie) can be controlled in multiple ways, such as constant current, constant voltage, and constant power, and can communicate voltage, current, and power.</p> <p>An integrated modular control unit is adopted, ensuring accurate control precision. A dual-loop control and dual-loop protection system is also designed.</p> <p>It features protection against overshoot, tripping, phase loss, overvoltage, overcurrent, overtemperature, current feedback, and soft start.</p> <p>Protect.</p> <p>It is equipped with a timer function, and an audible and visual alarm will sound when the time is up.</p>
heating rate	<p>The heating rate is freely adjustable, with an adjustment range of: fastest heating rate 20 degrees per minute, slowest heating rate...</p> <p>Small</p> <p>1 degree per hour (1 degree/h)</p>
The oxygen analyzer uses an imported zirconia probe with a range of 10ppm-21% and includes an alarm for excessively high oxygen content.	
The exhaust port is located at the top, DN30, and is adjustable with a valve.	
Eight air inlets are evenly distributed on the lower left and right sides of the furnace, and are integrated into a single main air inlet equipped with a flow meter.	
Furnace bottom plate	The furnace bottom plate is made of 310S heat-resistant steel plate, with a bottom height of 920mm.
thermal insulation materials	<p>It employs a three-layer insulation system: 1600 type GM30 foam ceramic bricks and 1400 type alumina (polycrystalline) fiber...</p> <p>dimension</p> <p>The board, type 1260 fiber blanket, has an energy-saving effect of more than 80% compared to old-fashioned electric stoves.</p>
furnace body	<p>The furnace body is simply sealed and manufactured through processes such as polishing, grinding, pickling, phosphating, powder coating, and high-temperature baking.</p> <p>and</p> <p>The product boasts a novel and attractive appearance, and possesses advantages such as oxidation resistance, acid and alkali resistance, corrosion resistance, high temperature resistance, and easy cleaning.</p> <p>point</p>
Furnace body outer shell	For long-term use without shutting down the furnace, the outer casing temperature should be less than room temperature +20 degrees Celsius.
temperature random accessories	One crucible tong, one pair of high-temperature gloves
Warranty Scope and Period: The electric furnace is covered by a one-year free warranty, but the heating element is not covered by the warranty (it will be replaced free of charge if it fails naturally within three months).	
Precautions	<p>1. To avoid affecting the lifespan of the electric furnace, we recommend that the maximum heating rate and cooling rate be less than [a certain value].</p> <p>20°C/min (Rapid heating will shorten the lifespan of the heating element).</p>

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Thank you for contacting us!

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