



Luoyang Juxing Kiln Co., Ltd. is a national high-tech enterprise and a specialized and innovative enterprise.

GWL-TSC Ceramic Dental Prosthesis Sintering Furnace Information and Price





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Technical parameters:

The GWL-TSC series high-temperature precision ceramic dental prosthesis sintering furnace, as shown in the figure, integrates the control system and furnace chamber into one design. The furnace lining uses imported vacuum-formed high-purity alumina fiber lightweight board material.

It uses silicon carbide rods or silicon molybdenum rods as heating elements; it is specifically designed for laboratories in universities and research institutes, as well as industrial and mining enterprises.

Specialized equipment developed for sintering, melting, analyzing, and producing ceramics, metallurgy, electronics, glass, chemicals, machinery, refractory materials, new material development, special materials, building materials, metals, non-metals, and other chemical materials.

The control panel features a touchscreen, power switch, main heating start/stop button, USB interface, lifting switch, and buzzer, allowing for real-time monitoring of the system's operating status. This product utilizes reliable integrated circuitry, ensuring a good working environment and strong anti-interference capabilities. The furnace shell temperature remains $\leq 45^{\circ}\text{C}$ at its highest, significantly improving the working environment. Microcomputer program control with programmable curves enables fully automatic heating/cooling. Temperature control parameters and programs can be modified during operation, making it flexible, convenient, and easy to operate.



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Technical Specifications:

temperature					
Spend project	1200ÿ	1400ÿ	1600ÿ	1700ÿ	1800ÿ
Voltage AC	220V/50Hz 220V/50Hz		220V/50Hz	220V/50Hz 220V/50Hz	
Supreme Engineer Temperature	1250ÿ	1450ÿ	1650ÿ	1730ÿ	1820ÿ
Long-term worker Temperature	1200ÿ	1400ÿ	1600ÿ	1700ÿ	1800ÿ
Temperature measuring element	Platinum-Rhodium K Temperature Measurement Range	Platinum-Rhodium S Temperature Measurement Range	Platinum-Rhodium-Platinum B Temperature Measurement Range	Platinum-Rhodium-platinum B temperature measurement	Platinum-rhodium or optical fiber
Parts and testing Temperature range	0-1320ÿ	Temperature range: 0-1700ÿ	0-1820ÿ	Range 0-1820ÿ	Infrared temperature measurement
Fever Item	High-temperature alloy resistance wire	silicon carbide rod	silicon carbide rods	Type 1800 silicon molybdenum rods	Type 1900 silicon molybdenum rods
Fever Component installation	Vertically installed in the furnace	Vertically installed in the furnace	Vertically installed in the furnace four	Vertically installed in the furnace	Vertically installed in the furnace
Location and Way	all around	all around	week	all around	all around
Refractory materials material	High-purity alumina containing zirconium Fiberboard	High-purity alumina containing zirconium Fiberboard	Imported high-purity alumina fiber Viagra	Lightweight ceramic fiberboard High-quality materials	Imported ceramic fiberboard Lightweight materials
Temperature control precision	±1ÿ				
Spend					
heating rate Rate	1-20ÿ/min (non-linear)				
Lifting Square Mode	The loading platform is electrically raised, while the outer protective cover is manually raised.				
ceramic box bowl	Corundum Mullite				
program segment	Maximum 50 temperature rise curves				
Touchscreen full control	Project Name	parameter			
		7 inches			
	Dimensions	Touch screen + high-precision integrated module			
	Temperature Control Start-up Heating	Touchscreen operation, and supports wireless mouse.			
	Temporarily set to increase temperature				
	Stop heating				
	Material transfer table inlet and outlet				
	Alarm settings				
	Start, pause, stop, program, etc.				
	Flowchart	Designed according to the electric furnace structure, or according to the product process flow.			
	Temperature Curve	Touch operation, 50 segments per curve			
	Compilation Temperature Curve Storage Quantity	Unrestricted (each curve can be named in Chinese or English)			

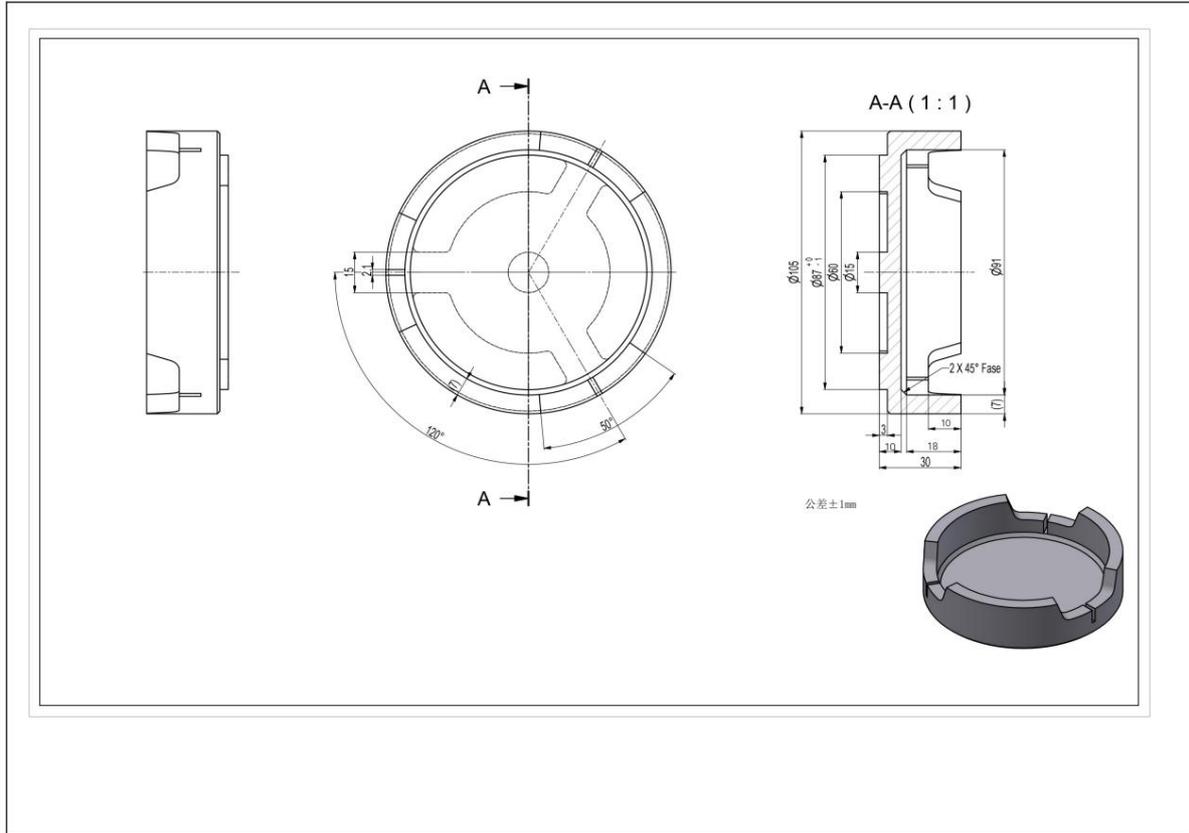


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	Real-time status display shows the running curve name, running segment number, segment time, and segment duration. Time, digital temperature, real-time curve, power output percentage Hundred
	Select segment number to start (cross-segment start) Touch operation
	Curve range adjustable
	Historical curve (graphics and text): Approximately 30 months of storage.
	Data reports (Excel) can store approximately 30 months of data and display multiple points simultaneously (insert options are supported). Disk expansion)
	Historical curves and report records (saved) Interval time Adjustable from 1 second to 3600 seconds, multiple points can be displayed simultaneously (can insert...), Disk expansion)
	Alarm indicator, Color change (red)
	alarm information, language, Supports multiple languages
	data export interface, printer USB
	interface, operation, parallel port
	touch screen, protection, Password required (operation is prohibited without a password).
	communication port. RS485
loading table Lifting	Electric lifting mechanism; the lifting process can be stopped at any point during the lifting process.
Cooling junction Structure	Double-layer furnace shell, air-cooled
Furnace temperature Spend	γ45 degrees
computer interface	RS485 RS232 USB
Warranty Surrounding period limit	The electric furnace comes with a one-year free warranty, but the heating element is not covered by the warranty.
Random backup Item	Two heating elements, two sets of rods, two sintering saggars, one instruction manual, one certificate of conformity, one crucible tong, and one pair of high-temperature gloves.



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Thank you to get in touch with us!

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