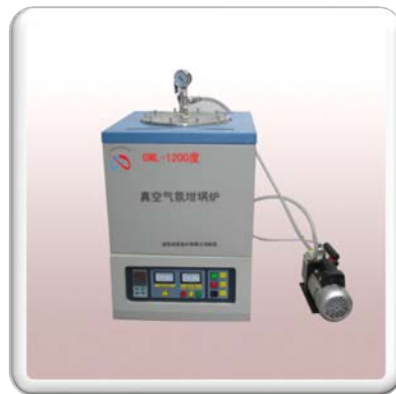


## High Temperature Precision Pit-type Furnace



### **GWL Series 1200°C-1800°C High Temperature Precision Pit-type Furnace**

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:  $\pm 1^{\circ}\text{C}$ , Temperature Constant Accuracy:  $\pm 1^{\circ}\text{C}$ . Fast Temperature rise rate, Maximum heating rate  $\leq 30^{\circ}\text{C}/\text{min}$ . 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-J				
Working Temperature	800°C	1000°C	1200°C	1400°C	1600°C
Maximum Temperature	850°C	1050°C	1250°C	1450°C	1650°C
Heating Element	Alloy Resistance Wire   Silicon Carbide Rod			Silicon Carbide Rod	Silicon molybdenum rod
Diameter Of Furnace Hearth	Can be customize (Maximum Diameter 800 MM)				
Height Of Furnace Hearth	Can be customize (Maximum Height 1500 MM)				
Temperature Rise Rate	Temperature Rise Rate Can Be Modify (30°C/min   1°C/h) Company suggest(1-20°C/min)				
Temperature Control Point	3				
Rated Voltage	380V				
Control Method	Multichannel integrated synchronization control				
Temperature Uniformity	800MM: ±1°C; 1300MM: ±5°C.				
Temperature Control Accuracy	±1°C				
Furnace Lining Materials	Import Alumina Fiber Board				
Standard Accessories	Heating Elements, Specification Certificate, Heat Insulation Brick, Crucible Pliers, High Temperature Gloves.				
<b>Characteristic:</b>					
<b>Operational Simplicity, Top Open, Excellent Temperature Uniformity.</b>					
1. Energy-saving (furnace hearth made up by import fiber material, excellent thermostability, Tolerance the extreme heat and cold.)					
2. Double layer loop protection. (over temperature protection, over pressure protection, over current protection, thermocouple protection, Power supply protection and so on)					
3. Furnace surface after spraying plastics it will resistance acid and alkali and also having corrosion-proof, the furnace wall temperature approaching the indoor temperature.					
Furnace Hearth Can Be Customized, More Details Please Contact Us					