

High Temperature Miniature Lift Experimental Furnace (GWL-TSC)



GWL Series 1200°C-1800°C High Temperature Miniature Lift Experimental 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-TSC				
Working Temperature	1200°C	1400°C	1600°C	1700°C	1800°C
Maximum Temperature	1250°C	1450°C	1650°C	1750°C	1820°C
Heating Element	Silicon Carbide Rod		Silicon Molybdenum Rod		
Diameter Of Furnace Hearth	100 MM 120 MM 250 MM				
Height Of Furnace Hearth	100 MM 120 MM 300 MM				
Loading Platform Lift Method	Screw Mandrel Lift (Lifting Speed Adjustable)				
Temperature Rise Rate	Temperature Rise Rate Can Be Modify (30°C/min 1°C/h) , Company Suggest 10-20°C/min.				
Refractories Of Loading Platform	Import High Temperature light heat insulation material				
Loading platform capacity	1-2Kg				
Rated Voltage	220V/380V				
Temperature Uniformity	±1°C				
Temperature Control Accuracy	±1°C				
Standard Accessories	Heating Elements, Specification Certificate, Heat Insulation Brick, Crucible Pliers, High Temperature Gloves.				
Characteristic:					
Open Model: Bottom Open;					
<ol style="list-style-type: none"> 1. Temperature accuracy: ±1°C ; Constant temperature: ±1°C(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°C: High Purity Alumina Fiber Board; 1400°C: High purity alumina (Contain zirconium) fiberboard; 1600°C: Import High Purity Alumina Fiber Board; 1700°C-1800°C: High Purity alumina polymer fiber board. 					
Furnace Hearth Can Be Customized, More Details Please Contact Us					