

17L High Temperature Large Scale Lifting Frit Furnace (GWL-R)



GWL Series 1200°C-1800°C 17L High Temperature Large Scale Lifting Frit 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-R				
Working Temperature	1200°C	1400°C	1600°C	1700°C	1800°C
Maximum Temperature	1250°C	1450°C	1650°C	1750°C	1820°C
Temperature Control Accuracy	±1°C				
Temperature Uniformity	±1°C				
Temperature Rise Rate	Temperature Rise Rate Can Be Modify (30°C/min 1°C/h) , Company Suggest: 1-20°C/min				
Furnace Hearth Cubage	17L				
Lift Method	Hydraulic/Screw Mandrel				
Heating Element	Top Furnace Hearth: Silicon Carbide Rod; Bottom Furnace Hearth: Silicon Carbide Rod (1400°C above using the silicon molybdenum rod)				
Placing Crucible Method	Bottom placing crucible				
Material Passes in and out	Top side to pass in; Bottom side pass out				
Crucible Material	High purity zirconium quartz (99.9%)				
Cooling Structure	Double Layer Furnace Shell, With Air Cooling.				
Standard Accessories	Heating Elements, Specification Certificate, Heat Insulation Brick, Crucible Pliers, High Temperature Gloves.				
<p>Characteristic:</p> <p>Open Model: Bottom Open;</p> <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 automatic modify, automatic temperature rise, automatic temperature retaining, automatic cooling, unattended operation; 3. High Speed Temperature rise rate. (temperature rise rate 1°C/h to 30°C/min can be modify); 4. Energy- Saving (furnace hearth made up by import fiber material, excellent thermostability, Tolerance the extreme heat and cold) 5. Double layer loop protection. (over temperature protection, over pressure protection, over current protection, thermocouple protection, Power supply protection and so on) 6. Furnace surface after spraying plastics it will resistance acid and alkali and also having corrosion-proof, the furnace wall temperature approaching the indoor temperature. 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 Dimension and Crucible Can Be Customized, More Details Please Contact Us					