Horizontal High Temperature Graphite Vacuum Graphitization Furnace

Item Number: GF-01

Introduction

Horizontal Graphitization Furnace: This type of furnace is designed with the heating elements placed horizontally, allowing for uniform heating of the sample. It's well-suited for graphitizing large or bulky samples that require precise temperature control and uniformity.

Learn More

Product model specifications	GF-01-40×40×120	GF-01-50×50×140	GF-01-55×55×160
Volume(L)	192	350	484
Rated temperature(°C)	2800	2800	2800
Limit temperature(°C)	3100	3100	3100
Effective heating area (mm)	400×400×1200	500×500×1400	550×550×1600
Power(KW)	200	350	450
Frequency(HZ)	1500	1000	1000
Temperature control method	Adopt Japanese Shima Electric thermostat		
Heating method	Induction heating		
Vacuum system	Rotary vane vacuum pump (for high vacuum requirements, Roots vacuum pump and oil diffusion pump are required)		
Sintering atmosphere	N2, Ar and other gases		
Rated power supply voltage (V)	380		
Rated heating voltage (V)	750		
Vacuum limit (Pa)	100 (vacuum cold state)		