

# Graphite Vacuum Furnace High Thermal Conductivity Film Graphitization Furnace

Item Number: GF-03



## Introduction

The high thermal conductivity film graphitization furnace has uniform temperature, low energy consumption and can operate continuously.

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Product model specifications	GF-03-Φ40×100	GF-03-Φ50×100	GF-03-Φ60×100	GF-03-Φ90×160
Volume(L)	125	196	282	1000
Rated temperature(C)	2800	2800	2800	2800
Limit temperature(C)	3100	3100	3100	3100
Effective heating area (mm)	Φ400×1000	Φ500×1000	Φ600×1000	Φ900×1000
Power(KW)	150	200	30	600
Frequency(HZ)	1500	1000	1000	1000
Temperature control method	Japan 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	N <sup>2</sup> Ar and other gases			
Rated power supply voltage (V)	380			
Rated heating voltage (V)	750			
Vacuum limit (Pa)	100 (vacuum cold state)			