

Igbt Experimental Graphitization Furnace

Item Number: GF-02



Introduction

IGBT experimental graphitization furnace, a tailored solution for universities and research institutions, with high heating efficiency, user-friendliness, and precise temperature control.

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Product model specifications	GF-02- Φ 10 \times 15	GF-02- Φ 20 \times 30	GF-02- Φ 30 \times 40
Volume(L)	1.1	10	28
Limit temperature(C)	3100	3100	3100
Effective heating area (mm)	Φ 100 \times 150	Φ 200 \times 300	Φ 300 \times 400
Power(KW)	30	50	80
Frequency(HZ)	4000	2500	2500
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 ₂ , Ar		
Rated power supply voltage (V)	380		
Rated heating voltage (V)	According to the design determination, configure the transformer		
Vacuum limit (Pa)	100 (vacuum cold state)		