

Definite - Sintering furnace

Definite is specially designed for the sintering of small batch samples of zirconia denture crystal, structural ceramics, and polymer ceramics.

Automatic program for heating, platform moving. It's very convenient for dental crown firing.

The rated power is only 2kW, which is suitable for any small lab. High speed temperature increasing, 0-40°C/min.

7 inch HD touch screen, easy to operate, can store 30 different processes, programs.



Chamber size: Dia100xH100mm		Max. temperature: 1700 °C (<2hour)	
Working temperature: 800-1600°C			
Temperature controlling	PID automatic control via SCR (Silicon Controlled Rectifier) power control with phase angle fired, current limiting resistor.		
	Touch screen panel which can store 30pcs different programs		
	Built in PID Auto-Tune function with overheating & broken thermocouple broken protection.		
	Over temperature protection and alarm allows for operation without attendant.		
Temperature accuracy: ± 1°C		Temperature uniformity: ± 5°C	
Heating rate: 0-30°C /min		Outer dimension: 550X420X810mm	
Working voltage: 220V, 50HZ/60HZ, 1 phases (As per your order)			Rated power: 2KW
Net weight:90kgs		Gross weight:110kgs	