



SF / SKF Series



SF/SKF-05

1 Features

- These high temperature furnace are made of ceramic mold insulation and double walled construction, minimize exterior surface temperature and provides extended heating element-life
- Microprocessor PID control with auto tune function prevents overshooting of set temperature
- 3 sides wall heating element maintain temperature uniformity $\pm 5^{\circ}\text{C}$
- An air vent on the top of furnace ; an atomsphere inlet lets you purge inner gases and check temperature
- A door switch cut power to heating element when the door is opened minimizing you exposure to hot temperature.

2 Specifications

Model		SF-05	SF-12	SF-25
Capacity		4.5 Liter	12 Liter	25 Liter
Chamber (WxBxH)mm		150x200x150	200x300x200	250x400x250
Temp.	Range	300 - 1500 $^{\circ}\text{C}$		
	Sensor	R type thermocouple		
Timer		Digital / 99hr,59 min		
Heating	Element	S type : SiC Heater		
	Power	6 Kw	8 Kw	12 Kw
Model		SKF-05	SKF-10	SKF-19
Capacity		4.5 liter	10 Liter	18.7 Liter
Chamber (WxBxH)mm		150x200x150	200x250x200	250x300x250
Temp.	Range	300 - 1700 $^{\circ}\text{C}$ (Max.1800 $^{\circ}\text{C}$)		
	Sensor	R type thermocouple		
Timer		Digital / 99hr,59 min		
Heating	Element	Super kantal (MoSi2)		
	Power	10 Kw	15 Kw	20 Kw
Material	Exterior	Powder coated steel plate		
	Insulation	Ceramic mold & board		
Door		Steel plate with ceramic mold		
Control & Display		Programmable microprocessor control & LED display, Temp,Time, Heater On/Off		
Safety Device		Over temp. limiter & alarm, Air vent on the top		
Power Source		220VAC, 50/60Hz, single phase or 220/380 VAC,50/60Hz, 3 phase		
Overall	(WxDxH) mm	560x640x860	640x630x930	720x670x1190
Weight	(Kg)	60	80	110