

The high-performance **ELETRIC MUFFLE FURNACE** with its advanced features and great ergonomic design for every diversified users in the world

SEF Series

TECHNICAL DATA

Type	Natural Type
Temp Range	Amb +5°C to 1000°C (Max. 1,200°C)
Accuracy	±3°C
Controller	Digital PID Controller type (Program type is optional part upon customer's request)
Regulator	16min ~ 25min (at 800°C)
Thermocouple	K(CA Type)
Timer Range	99 min 59sec
Controller	Digital Display
Material Out	Steel Plate With Powder Coating
Controller	Kanthal A1
Insulation	Ceramic Fiber
Safety Device	Over temperature Limit / Over Current Glass Fuse
Supply Voltage & Frequency	230V, 50/60Hz

* For example, SEF-201P is the program type model of SEF-201 and SEF-501P is also the program type model of SEF-501.



SEF-101P ▲

GENERAL SPECIFICATIONS	SEF-101	SEF-201	SEF-202	SEF-301	SEF-303	SEF-401	SEF-501	SEF-601
Working range of temperature	300 ~ 1,000°C							
Ascending Temperature	800°C							
Ascending Time	Approximately 16 min	Approximately 16 min	Approximately 19 min	Approximately 19 min	Approximately 20 min	Approximately 23 min	Approximately 40 min	Approximately 50 min
Temperature Controller	Digital PID Controller (Program/P)							
Temperature Indication	Setting Temperature & Measuring Temperature							
Heat Transmission	K-Type							
Feature	PID Timer function for temperature control (99hours 59minutes) and self diagnosis system							
Internal Dimension (L x D)mm	130 x 250mm	150 x 300mm	200 x 300mm	250 x 350mm	300 x 300mm	400 x 400mm	500 x 500mm	600 x 600mm
(L x D x H)mm	x 90mm	x 100mm	x 200mm	x 160mm	x 300mm	x 400mm	x 500mm	x 600mm
Internal Capacity	3 Liters	4.5 Liters	12 Liters	14 Liters	27 Liters	63 Liters	125 Liters	216 Liters
Power Consumption	1.8 kilowatts	2.6 kilowatts	4.4 kilowatts	4.6 kilowatts	6.2 kilowatts	11.1 kilowatts	18 kilowatts	21 kilowatts
Supply Voltage & Frequency	AC 230V, 1 Ø, 50/60Hz						3 Ø	3 Ø
Weight	Approximately 28 kg	Approximately 32 kg	Approximately 40 kg	Approximately 49 kg	Approximately 55 kg	Approximately 78 kg	-	-