

The high-performance **ELECTRIC MUFFLE FURNACE** with its advanced features & stylish & user-friendly design for every diversified user in the world

FTMF series models



FTMF-P type

General Specifications

Type	Natural type
Temperature	Range: Amb +5°C ~below 1,000°C Accuracy : ±3°C Controller : Digital PID Controller (Program:5 pattern 18step) Regulator : Triac Controller(SSR)
Thermocouple	PT-100Ω
Timer	Range : 99hr 59min Controller : Digital Display
Materials	(In) : Ceramic Fiber (Ex) : Steel Plate with Powder Coating Insulation : Ceramic Fiber
Safety Device	Over Temperature Limit, Over Current Guse
Power	AC 220V 50/60Hz 1Ø

Very suitable for various purposes like gravimetric analysis for organic substance and measurement of quantity for coal and lime.

With the distinguished Digital P.I.D controller, it provides you with precise control of temperature and easiness to operate this equipment. By the highly efficient heater installed in the four sides of the chamber, it directly heats materials which are handled. With this excellent feature, it surely reduces time of temperature climb.

To prevent it from over heat and short circuit, the specialized safety device is installed.

By using the ceramic wool as a insulator, it maintains consistent temperature.

Easy to set up time of temperature climb and drop. The three programs which are saved in accordance with your own intention enable you to interlock and change and it is also possible for you to correct it for your purpose. (This is optional part). Reservation funtion of operation and self diagnosis.

Specification

Model	FTMF-706/706P	FTNF-707/707P	FTMF-708/708P	FTMF-709/709P
TemperatureRange	300 ~ 1,000°C(Max. 1,150°C)			
AscendingTemp.	800°C			
Ascending Time	Approximately 23min		Approximately 45min	
Temp. Controller	Digital PID controller(Program type: 5 pattern 18 step)			
Temp. Indication	Setting Temperature & Measuring Temperature			
Heat Transmission	K-type			
Feature	PID, Ttimer function for temperature control(99h, 59min)and self system			
Dimensions(ex)	580x590x780mm	960x720x870mm	1080x840x990mm	1300x850x1150mm
Dimensions(in)	300x300x300mm	400x400x400mm	500x500x500mm	600x600x600mm
Caapcity	27 L	63 L	125 L	216 L
Powerconsumption	6.2kw	11.1kw	18kw	21kw
Voltage& Frequency	AC 230V, 1Ø,50/60Hz		AC 230V, 3Ø,50/60Hz	
weight	Approx. 55kg	Approx. 78kg	Approx.	Approx.



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