

MUFFLE FURNACE

This product is used for various purposes such as the development of new materials, including industrial and biotechnology products are being used as the basis of a common laboratory equipment. heat treatment, melting of the glass, melting the metal and casting molding

FTMF series models



New type



FEATURE

- This product is suitable for the purpose of the experiment in figure 1000°C below.
- When the door opens, interrupting the power supply to the safety of the heater.
Safety door lock is blocked, the sensor alarm functions, independent overheating protector attached.
- Auto-tuning function, temperature compensation

OPTION

- Forced exhaust system
- Flow meter
- Program type, RS-232C function,
Heat-resistant gloves, Crucible, Crucible tongs,
Ceramic fiber plate

GENERAL SPECIFICATIONS

Temp Range	Max. 1,100 °C (option : 1,200 °C)
Working Temp	300~1000 °C
Temp Control	Digital PID controller, program type (5 pattern 18 segment)
Timer	99 Hr 59 Min
Thermocouple	K-type
Internal Materials	Ceramic fiber
External Materials	Steel plate with powder coating
Insulation	Ceramic fiber/Ceramic board
Heater	Kanthal A 1, 4-side heating
Safety Device	Over temp/Current protection, Sensor error detection, Safety switch for opening.
Power	AC 220 V, 50/60 Hz, 1 Ø

INDIVIDUAL SPECIFICATIONS PER MODEL

MODELS	FTMF-701	FTMF-702	FTMF-703	FTMF-705	FTMF-706	FTMF-707
	FTMF-701P	FTMF-702P	FTMF-703P	FTMF-705P	FTMF-706P	FTMF-707P
Capacity	3 Liters	4.5 Liters	12 Liters	14 Liters	27 Liters	64 Liters
Internal Dimension (W x D x H) (mm)	130 x 250 x 90	150 x 300 x 100	200 x 300 x 200	250 x 350 x 160	300 x 300 x 300	400 x 400 x 400
External Dimension (W x D x H) (mm)	390 x 480 x 550	420 x 540 x 570	480 x 550 x 680	530 x 600 x 640	580 x 590 x 780	1,000 x 720 x 870
Heater Capacity	1.4 KW	1.7 KW	3.4 KW	4 KW	4.6 KW	9 KW
Net Weight	30 Kg	35 Kg	40 Kg	55 Kg	70 Kg	80 Kg