

HEATING MANTLE

The high-performance [HEATING MANTLE](#) with its advanced features & stylish & user-friendly design.

FTHM series models



FTHM R-series



FTHM series

Usage

Besides laboratory-standard glasswares, the usage includes heating, warming, and insulation of special containers such as metal containers, pipes, and reactors.

Special Features

Products installed temperature voltage controller.

→ FTHM Series Control Method : Proportional Voltage Control.

※ Based on the user's need, before using, the temperature should be controlled by using a separate thermometer

As the heated part (heated object) is hand-woven using fiber glass,

Fire is prevented by a built-in Thermal protector, which automatically shuts down the product in case the inside temperature exceeds an appropriate temperature.

→ The product resumes normal operation when the inside temperature returns to normal.

Thermal Insulation uses nontoxic asbestos-free ceramic wool (fiber glass).

→ There are two kinds of heated part shape like flask type and beaker type.

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GENERAL SPECIFICATIONS

Case Construction

Steel, with chemically resistant powder coating

Thermal Insulation

Asbestos-free ceramic wool. (fiber glass)

Heating Element

Ni-chrome wire

Mantle

Woven glass fiber mat

Heating Element Temperature

Up to 450°C, Maximum

Supply Voltage & Frequency

AC 110~220V (or 220~230V), 50/60Hz

SPECIFICATIONS

Capacity(ml)	Model(Flask type)	Model(Beaker type)	Wattage
100	FTHM-F10	FTHM-B10	85
200/ 250/ 300	FTHM-F20/ 25/ 35	FTHM-B20/ 25/ 35	150
500	FTHM-F50	FTHM-B50	230
1,000	FTHM-F100	FTHM-B100	330
2,000	FTHM-F200	FTHM-B200	470
3,000	FTHM-F300	FTHM-B300	570
5,000	FTHM-F500	FTHM-B500	850
10,000	FTHM-F1,000	FTHM-B1,000	1,400
20,000	FTHM-F2,000	FTHM-B2,000	1,800