



Mantle

**MS-MHT
series**

MANUAL

Main products

- Temp controller,
- Heating Tape,
Hot Plate
- Digital Mantle,
- Analog Mantle,
Rota Mantle
- Digital Stirrer
Analog Stirrer

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Thank you very much for selecting Mi-sung products.
For your safety, please read the following before using.

General Information

Unpack your item carefully and inspect for damage and report such damage or missing parts to your supplier right away.

Read your instruction manual carefully. Take time to save time while working with you item.

Make sure that every user has read and understood the instruction manual.

Please store the instruction manual in a place easily accessible to every user.

Safety Information

Please comply with all safety and accident-prevention regulations as in force for laboratory work!

Use extra care when working with flammable substance; refer to safety data sheets.

When connecting your item with your local power supply, please make sure your item is designed for your local supply voltage; go by data plate on the item

Turn your power switch OFF whenever the item is not used, or before disconnecting the plug.

Use extra care when working in the vicinity of flammable and explosive substances. Motor are non-sparking type, however, the item itself is not explosion proof.

Please do not connect your instrument without a protective ground outlet.

Your item requires a solid stand.

Warning

To avoid electrical shock, always:

1. Use a properly grounded electrical outlet of correct voltage and current handling capacity.
2. Disconnect from power supply before servicing.

To avoid personal injury:

1. Do not use in the presence of flammable or combustible materials; fire or explosion may result.
This item contains components which may ignite such materials.
2. Keep the item clean. Use non-abrasive cleaner. Alkali spills, hydrofluoric acid spills or phosphoric acid spills may damage the item and lead to thermal failure. Unplug unit and remove spills promptly. Do not immerse unit for cleaning.
3. Do not remove or modify grounded power plug. Use only properly grounded outlets to avoid shock hazard.
Not rated for use in hazardous atmospheres.
4. Use appropriate hand and eye protection when handling hazardous chemicals.
5. Do not use in highly corrosive atmospheres; corrosive fumes and spill may damage your item and internal components,

Caution

Space instrument 12 inches away from combustible materials under any conditions.

1. Specifications

Type	Heating mantle for high temperature				
Heating Element Temperature	Up to 600°C max.				
MODEL	Capacity	Watts	Dimensions Ø x Height(mm)	Internal (Height : mm)	Weight (Kg)
MHT403C	500ml	470	220 x 150	75	2.2
MHT404C	1000ml	600	245 x 150	85	2.4
MHT405C	2000ml	850	285 x 170	115	2.8
MHT406C	3000ml	950	310 x 180	125	3.5
MHT407C	5000ml	1400	345 x 200	145	5.1

2. How to use

1. Put the sample into a vessel and install the mantle.
2. Connect the cord of mantle with the output of a separate controller and use it.
3. If it is connected directly to the plug, the power could be too high.
So, the use of the controller is recommended.
4. If you need temperature control, connect a separate controller and use it.