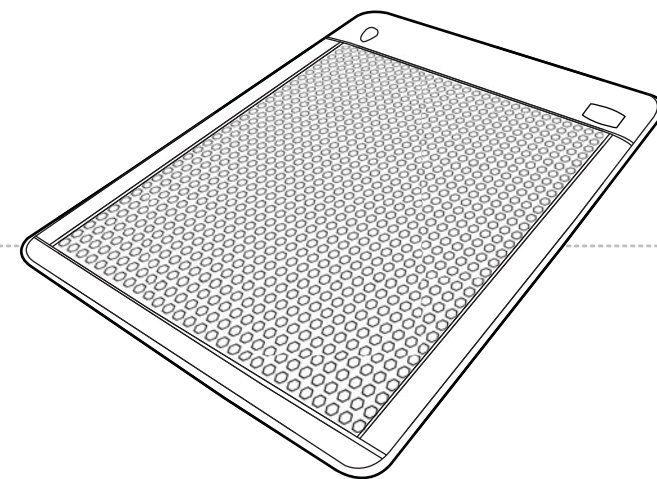


NUGA

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CE



NM-2500HD



User Manual

Thank you for purchasing this product.
Before use...
Please read the cautions for safety in the
user manual to use this product safely.

Quality Warranty Enclosed

Tourmanium Product

 **NUGA MEDICAL CO.,LTD.**

San 2-1, Gagok-ri, Jijeong-myeon, Wonju-si,
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2013.12.30

 **NUGA MEDICAL CO.,LTD.**

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Cautions for your safety

- These cautions include descriptions for the safety of users and prevention of any damage to properties among others.
- Read through the following details to use the product appropriately.
- This Manual classifies the risk level into following three degrees and the following graphical symbols remind users of cautions for matters and operations of concerns about any risk.

Interpretations on symbols



Danger

If there is high possibility of death due to non-compliance.



Warning

If there is a possibility of an injury or death due to non-compliance.



Caution

If there is a possibility of a minor injury or damage to goods due to non-compliance.

Disclaimer

- The manufacturer, importer and/or agent shall not be responsible for any problem and/or other damage to the product which has been caused from the user's fault or operation.
- Information in the user manual has been prepared on the basis of the current product specifications.
- Details in the user manual might be different from those on the product.
- The product manufacturer will be adding and supplementing new functions at any time and new technologies shall be applied to the product continuously in the future as well.
- All the standards and functions are subject to change without any notice to users to improve performance.

 **Danger**



Do not fold the product in use.
Do not fold the product when it is stored.
(Otherwise, it might cause damage to the product.)



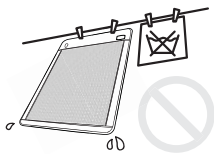
Avoid pulling out the power cord parts or touching the power plug with the wet hands.
(Otherwise, it might cause electrical shock or fire.)



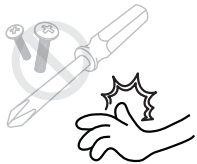
Do not use it for other usages than the described purposes of uses.
(Otherwise, it might cause damage to the product.)



Anyone using a cardiac pacemaker should consult with a doctor before any use of this product.

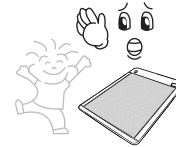


Do not apply washing or dry-cleaning.
(Otherwise, it might cause damage to the product or any danger of electric shocks or fire.)

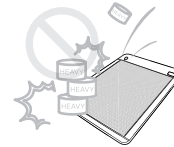


Anyone other than technicians qualified for our company's A/S should not disassemble, repair or modify the product for any reason.
(Otherwise, it might cause damage to the product or electric shock and/or fire.)

 **Warning**



Do not allow children use the product alone.



Do not place any heavy object or other electric heater on this mat.
(Otherwise, it might cause injuries or damage to the product.)



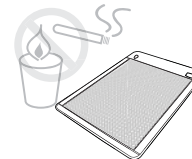
Do not place the controller covered with any quilt during use.
(Otherwise, it might cause damage to the product or a danger of fire.)
Please cover entire mat with blanket to avoid heat concentration.



Avoid bending the power cord excessively or pressing it down with heavy objects.



Never use other temperature controllers with different specifications.
(Otherwise, it might cause damage to the product.)



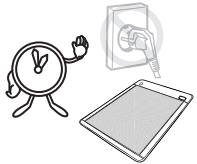
Do not place any inflammable substances such as the candle light, cigarette light and/or wine among others, any vessel containing water, heavy object and other substances.
(Otherwise, it might cause fire.)



Caution



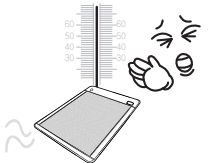
Please abide by defined time and methods.



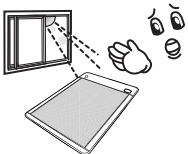
Remove the power cord from the socket during no use for a long time.



Keep any pin, wire or other metallic pieces from stabbing or inserting to the mat.
(Otherwise, it might cause damage to the product.)



Use the product in a proper range of temperature (40~50°C).
(Otherwise, it might cause burns.)

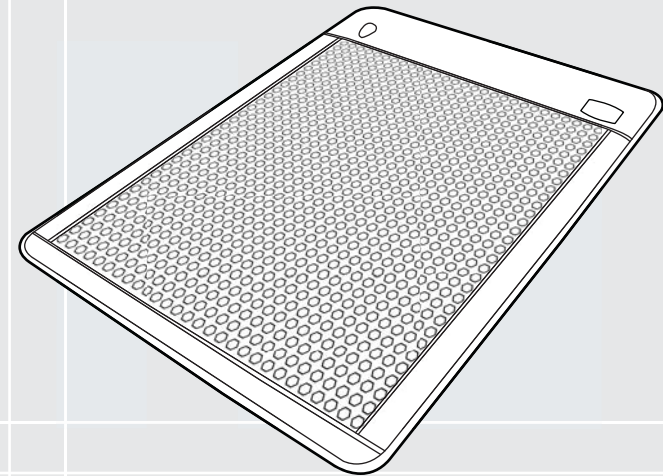


Do not expose the product to the direct sunlight.
(Otherwise, it might cause damage to the product.)



Check out the voltage before any use to ensure the applicable voltage and apply the power plug to the dedicated socket in any way.

NM-2500HD



Product Introduction

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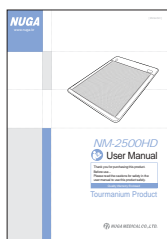
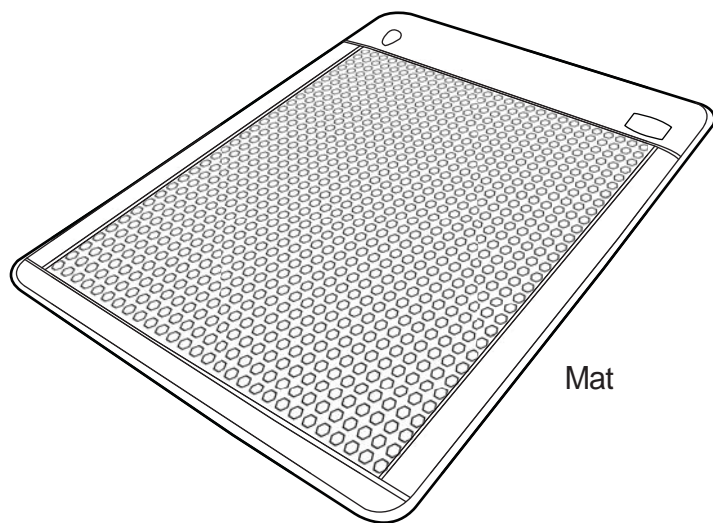
Product Components

i Introduction

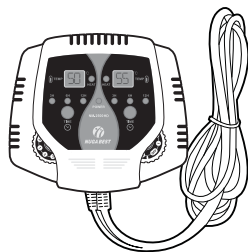
Please check out whether all the components are unpacked in hand before installing the product.

Please inquire from your supplier if there is any missing or damaged component.

Some specifications and/or designs are subject to change for improving the product performance.

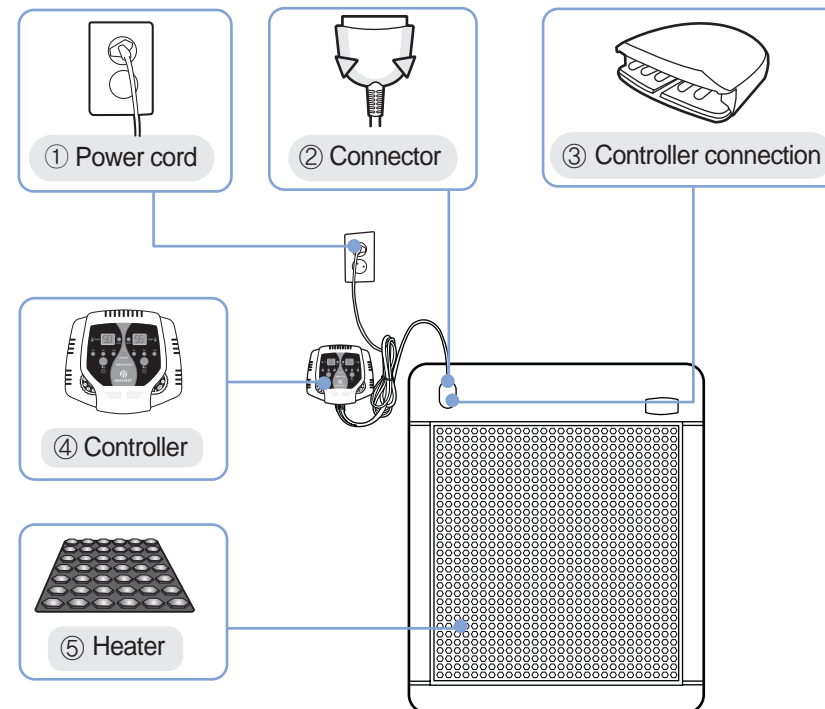


User Manual



Controller

Names and Functions of Product



| Name | Function |
|-------------------------|---|
| ① Power cord | The power supply is applied to the product with its connection to a socket. |
| ② Connector | The power and signals are exchanged by connecting the controller to the main assembly. |
| ③ Controller connection | The power and signals are exchanged with the connection between the controller and main assembly. |
| ④ Controller | It controls temperature in the heater with the convenient use due to the compact design. |
| ⑤ Heater | The heater as the main component in the product improves the heating effects by combining the tourmanium mat. |

Descriptions for Controller Buttons

i Introduction

The product's heating function on the right and left side can be set separately.

Heating lamp (Left)

This lamp indicates the on/off status of the product's heating function.

Power indicator lamp

Unit to display turn on/off of the controller

Heating lamp (Right)

This lamp indicates the on/off status of the product's heating function

Temperature setting indicator window (Left)

This window indicates the product's current and setting temperature.

Temperature setting indicator window (Right)

This window indicates the product's current and setting temperature.

Time setting indicator LED (Left)

This window indicates the product's current and setting temperature.

Time setting indicator LED (Right)

This window indicates the product's current and setting temperature.

Temperature setting dial (Left)

This dial sets the product's temperature.

Temperature setting dial (Right)

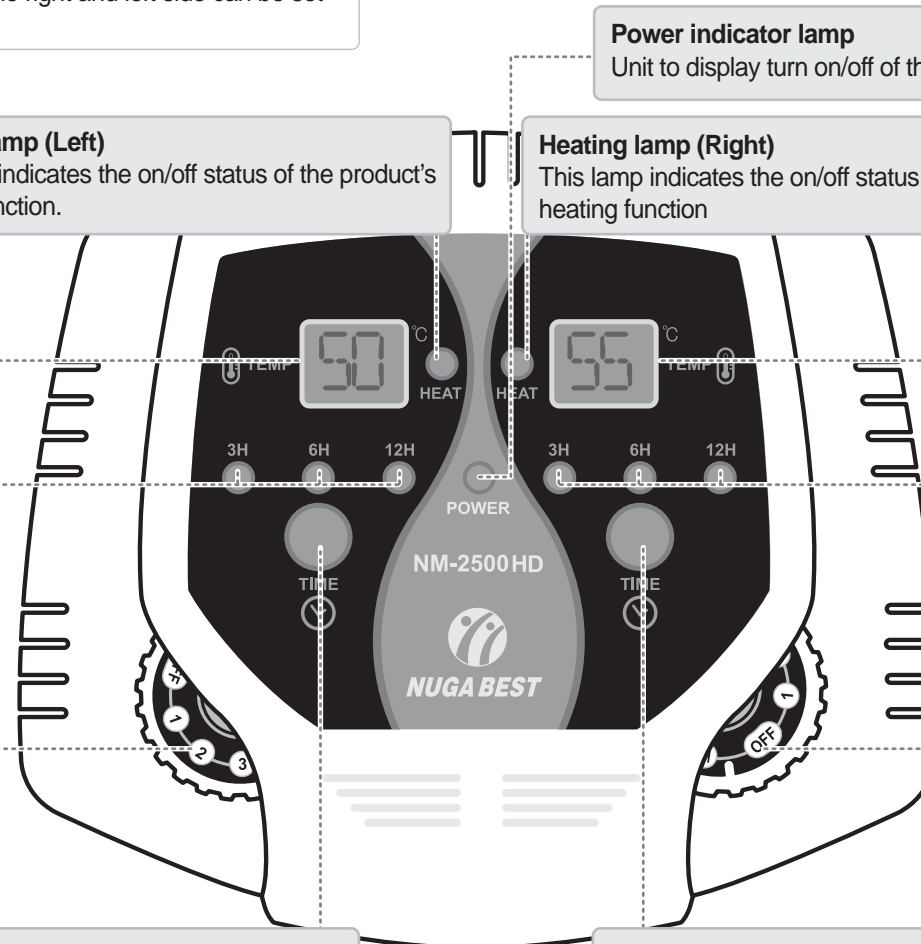
This dial sets the product's temperature.

Time setting selection switch (Left)

This is a switch to select the product's temperature setting time.

Time setting selection switch (Right)

This is a switch to select the product's temperature setting time.

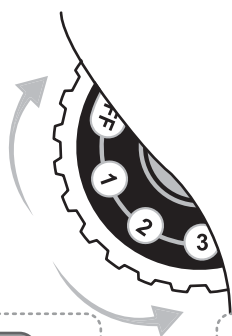


How to Use Product

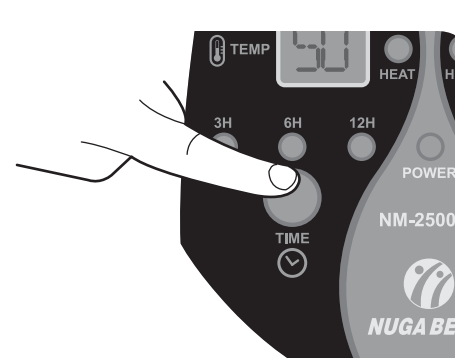
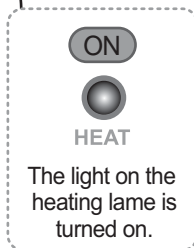
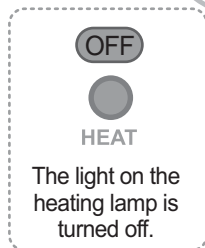
i Before using product

- Do not use it for other usages than the described purposes of uses.
- Do not fold the product in use.
- Check out the applied voltage before any use.
- Anyone using a cardiac pacemaker should consult with a doctor before any use of this product.
- Never use other temperature controllers with different specifications.
- Do not cover the controller with any quilt during use.
- Use the product in an appropriate range of temperature while using the product.

Step. 1

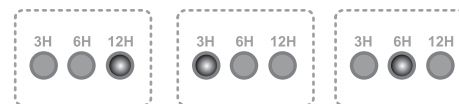


- Turn the temperature setting dial clockwise to turn on the heating lamp and the product's heating function.
- Turn the temperature setting dial counter clockwise to turn off the heating lamp and the product's heating function.
- The product will be automatically turned off when the set time is over although the temperature setting dial is turned on.

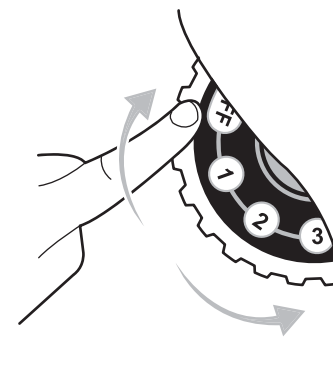


Step. 2

- The default setting time is 12 hours and the light on the time setting indicator LED is turned on.
- Press the time setting selection switch for the sequential setting of 12 hours → 3 hours → 6 hours → 12 hours.
- The product's heating function will be turned off and the light on the time setting indicator LED will be turned off when the set time is over.



Step. 3



- Turn the temperature setting dial to the left or right to set the product's temperature.
- The setting will be indicated on the unit of 1°C in a range of 30 ~ 70°C.
- The setting will be completed if there is no change in the setting for 5 seconds.



How to Take Emergency Actions during Use



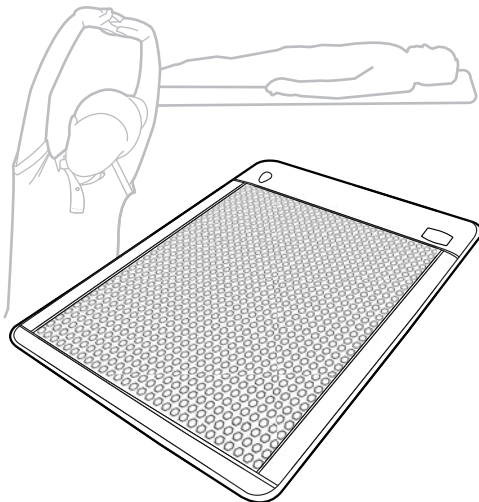
Step.4

- When the temperature setting dial is turned, the set temperature is blinking in a 0.5 second interval on the temperature setting indicator window and then the current temperature is indicated.

NM-2500HD

Step.5

- Keep the mat tight to the desired area in the body after setting the temperature.



| | |
|--|---|
| | <p>Stop using the product immediately and remove the power plug if there is any lightning.</p> |
| | <p>Stop using the product immediately and contact your supplier branch or our company if you smell any burn or detect any smoke from the product.</p> |
| | <p>Stop using the product immediately and consult with a doctor if any abnormality occurs to the human body.</p> |
| | <p>Turn off the power switch immediately, stop using the product and contact our company if you find out any failure or power failure from the product.</p> |
| | <p>Turn off the power switch, remove the power plug immediately, and then contact our company if you have poured water into the product.</p> |

i Introduction

1. Separate the power cord while the product is not in use for a long time.
2. Be aware of the following for the storage place.
 - ① Keep the product in a place with no water.
 - ② Keep the product in a place with no concern of any adverse effect such as the air pressure, temperature, humidity, ventilation, sunlight and/or air containing dust, salt, sulfur, etc.
 - ③ Be careful of safety conditions such as the slope, vibration, shock, etc. (including those during transportation).
 - ④ Do not keep the product in a place near any chemical or gas.
 - ⑤ Avoid any direct sunlight during the storage.
3. Store the product after cleaning the components.

Environmental conditions

- During operation: temperature (0~35 °C), humidity (20~80%)
- Transport and storage conditions: temperature (-25~70 °C), humidity (20~80%), atmospheric pressure (700hPa to 1060hPa)

How to clean



Caution

Ensure unplugging of the power plug before cleaning. Otherwise, it might cause electric shocks.

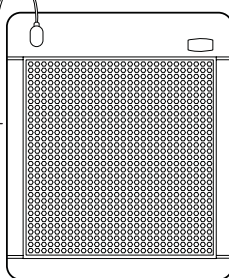
Controller

Wipe it out with a piece of dry cloth if there is any foreign substance.



Product top

Wipe it out softly with a piece of dry cloth



Mat cover

Wipe out the mat cover with wax for leather seat or dry cloth



Caution

There might be a danger of injuries or fire if you do not check out the following. Please make sure that you check them out.

Check before use

- | | | |
|---|---|--|
| 1. Is the power cord connected to an outlet? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Is the light on the heating lamp turned on when the power supply is applied? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 3. Is the temperature indication displayed on the temperature setting indicator window on the controller? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 4. Is the temperature increasing well in the product? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 5. Is the temperature in the product not too high? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 6. Did you check out conditions for any damage to the power cord or cable conditions? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

Check after use

- | | | |
|---|---|--|
| 1. Is the product turned off automatically after the setting time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Is the temperature turned off on the temperature setting indicator window on the controller? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 3. Is the light on the heating lamp turned off? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 4. Is the power cord removed from the outlet? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 5. Is the place to keep the product exposed to the humidity, dust and/or chemicals? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |

Before any A/S request



Caution

Ensure checking out the following before applying for A/S if any abnormality occurs in the product.
The product might fail to operate normally even without any failure if you use it without reading the manual.

Check items for any abnormality in the power supply

If the current temperature is not indicated on the temperature indicator window;

- ① Check out if the power plug on the controller is connected to an outlet.
- ② Check out if the power button in the controller is pressed to turn on the product.
- ③ Check the operating voltage.

Check items for any abnormality in the heating

If the temperature is not increasing in the product;




- ① Check out if the power button in the controller is pressed to turn on the product.
- ② Check out if the temperature is set to too weak a condition.
- ③ Do not disassemble the product but contact your supplier or our company.

Controller Check Indicator Window



Caution

Do not disassemble the product arbitrarily if any error occurs, but remove the power plug, turn off the power switch, and then contact your supplier.
If you disassemble the product arbitrarily, it might cause serious injuries and/or damage to the product.

| Display | Descriptions | Display location |
|---|---|---|
|  | Abnormality in the heating temperature sensor • The temperature sensor is short-circuited. | Temperature setting indicator window and time setting indicator LED |
|  | Overheating • Temperature has increased over 85°C | Temperature setting indicator window and time setting indicator LED |
|  | Disconnection • The connector is not connected to the controller's connection area. • The temperature sensor has not been detected. | Temperature setting indicator window and time setting indicator LED |

Indication appears on the temperature setting indicator window on the side where any abnormality occurs.

Product Specifications

| | |
|---|--|
| Product name and model name | Thermal massager NUGA BEST NM-2500HD |
| Manufacturer | NUGA MEDICAL CO., LTD. San 2-1, Gagok-ri, Jijeong-myeon, Wonju-si, Gangwon-do, Korea |
| Date of manufacture / number of manufacture | Displayed on the product |
| Product weight | 21 kg |
| Product size | 1500 X 1900 X 40 (mm) |
| Cautions during use | Refer to User Manual |
| Operating method | Refer to User Manual |
| Electric rating | AC 220-240V~, 50-60 Hz |
| Power consumption | 510 W |

Product Warranty

| | | |
|----------|-------------------|-----------------------|
| Company | Product name | |
| | Model name | |
| | Warranty period | 2 years from purchase |
| | Date of purchase | |
| | Place of purchase | |
| Customer | Phone | |
| | Name of customer | |
| | Customer number | |
| | Address | |

※ Please keep this warranty carefully. You can receive sufficient service only by presenting this warranty with the place and the date of purchase.

- NUGA Medical Co., Ltd. provides warranty of this product according to the regulations of the Consumer Protection Act.
- Contact your local sales retailer or NUGA Medical office when the product is damaged.
- The spare parts of this product are secured for 3 years after this product is discontinued.
- You must have the place of purchase written in the warranty at the time of your purchase in order to receive warranty repairs.

1. The warranty is valid until 2 years from the date of purchase and only damages caused during normal operation are subject for warranty repairs.
2. The warranty period of this product is calculated from the date of purchase, and therefore have the store of purchase record the date of purchase on your warranty when you purchase the product (When the date of purchase cannot be verified, the warranty period is added from the day after 6 months from the date of manufacture).
3. When this product is used for commercial purposes (e.g., used for sales, in abnormal environment, etc.) or for industrial purposes, the warranty period is reduced to 6 months. (including essential spare parts)
4. This warranty cannot be reissued.

※ Warranty repair is not provided in the following cases.

- When damage is caused by natural disasters (e.g., fire, earthquake, flood, and wind)
- When replacing consumptive parts that normally wear from use
- When damage is caused by an abnormal power source or faults in a connecting unit.
- Other external reasons other than faults of the product itself.
- When damage is caused by repairs or modifications done by a person who is not a certified repair personnel of NUGA Medical's local office or service center.

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