

User Manual

Keep this User Manual in a safe place as it is also used as the Warranty Certificate.

www.hkmedical.co.kr

Electric HEATING PAD

HH07692-5003E

Since its foundation in 1993,

HK has contributed to the household medical device market in Korea in such areas as OEM service, export, and technological support, based on its long-accumulated large production capacity and cutting-edge technology. At the same time, it has made efforts to become a major player in the global medical market and afford worldwide customers great satisfaction with its quality products realized by its advanced production knowhow and cutting-edge technological capability.

Though advancement in medicine enables us to lengthen our life, it still leaves much to be desired when it comes to seeking for root causes of disease and coming up with proper treatments. The company's Research and Development Team has focused on nature and explored natural healing power. Its years-long research and experiments have led to the development of advanced medical devices which have combined Western technology with Oriental ideas with a view to improving our physical constitutions and treating illness. Now, the company boasts of a variety of medical devices that make best use of nano-technology, which will enable us to continue to maximize the effect of negative ions and strengthen the penetration of far infrared light.



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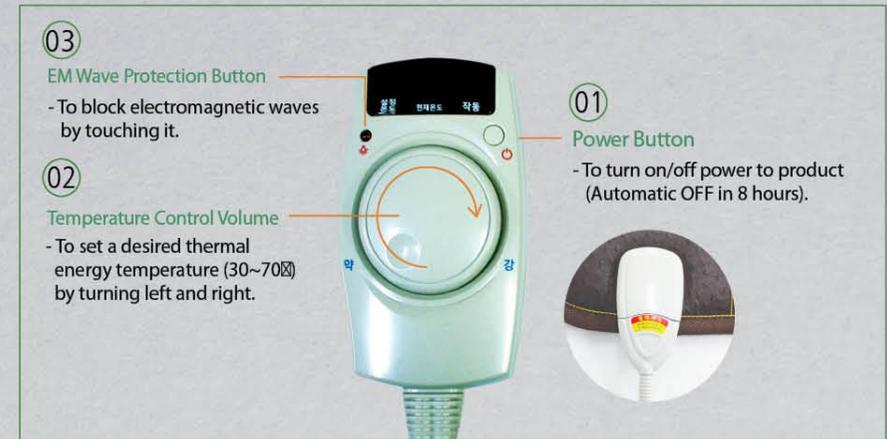


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Description of Each of Control Components and How to Use



1. Connect the connector with the connection terminal of the main body of the product, (when the groove of the connector slips into place.)
2. Connect the power plug with a mains outlet. (This product operates only with 220V.)
3. Push the Power Button to turn the product on.
4. Touch the EM Protection Button to set the function to motion.
5. Turn the Temperature Control Volume to choose your desired temperature.
6. Turn off power when the use is over.



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Safety Precautions for Use

Item	Description
Product name	Electric Heating Pad
Safety certification number	HH07692-5003E
Model name	HK-300
Electrical rating	AC 220V, 60Hz, 100W
Safety protections	Overload circuit breaker with fuses
	Overheating protection
	Sensor Open and Sensor Off at time of a short circuit
	High-voltage protection
Manufacturer	HK Medical Co., Ltd
Country	Republic of Korea
Homepage	http://www.hkmedical.co.kr
Distributor	
Address	
Telephone number	



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Description of Each of Control Components and How to Use

Get familiar with safety precautions for proper use; we are not responsible for any damage to the product and/or personal injury occurring as a result of misuse or abuse or careless or negligent acts or any omission of acts.



1) Pay attention not to spill water or any liquid onto the main body or the control.



2) Do not give severe impacts to the main body or the control or place heavy objects on it.



3) Do not let a child or senior use the product alone.



4) Do not disassemble the control at your discretion.



5) Make sure to let the control exposed to view at all times.



6) Do not prick or scratch the product with a sharp object like a knife, nail, or scissors.



7) Do not jump or roll about on the main body.



8) Be sure to disconnect power when it is not used for an extended period of time or when you go out.

Simple Methods of Diagnosing Problems

! Simple Methods of Diagnosing Problems

1. Pull out the low-frequency jack and plug of the control from the power outlet and separate the mattress and pack them.
2. Wrap the main body with its cover after use to prevent it from getting damaged.
3. Carry the product in the packaging box (the bag) when you move it to another place.
4. Keep the product in a dry place.

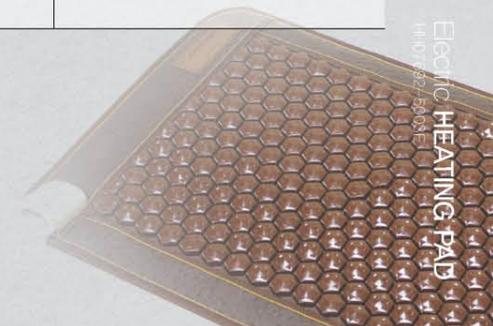
! Precautions in case of a problem and warnings against alteration or modification

1. Shut down the input power.
2. When a problem arises, do not attempt to disassemble or repair the product at your will, but contact the store or our Customer Service Center.
3. Never alter or modify this medical instrument.
4. Have the store or an authorized technician change the electrical cord when it gets damaged.

! Storage conditions and method

1. Keep the product in a moisture-free place.
2. Keep the product in a drafty place.
3. Do not place the product on a metallic plate.

Symptoms	Causes	Troubleshooting
When temperature goes up quickly in main body.	<ol style="list-style-type: none"> 1. When product is used for the first time. 2. When product is used again after a long period of time. 3. When connector is not connected properly. 4. When timer comes to an end. 	<ol style="list-style-type: none"> 1. Set temperature control volume to "Strong" for 1~2 days, and temperature rises due to the inductivity of magnetic temperature. 2. Disconnect connector and then connect it again. 3. Check if heater lamp on the connector comes on.
When heater does not work	<ol style="list-style-type: none"> 1. When control has a problem or receives an impact. 2. When connection between control's connector and body's terminal is not made properly. 3. When body develops a problem. 	<ol style="list-style-type: none"> 1. Turn OFF power switch and then ON gain. 2. Check if connectors of control and body have been properly engaged. 3. Contact the store or our Customer Service Center.
When a message "Er" appears on the temperature controller	When sensor or connector has a short circuit.	Contact our Customer Service Center.





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Scientific Properties of Ceramic Material (PHNT)



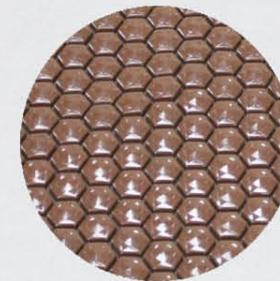
Pyramid's energy

+



Hiranya's hexagonal energy

||



Product of HK technology

1. Our nano-particle ceramic (PHNT) are the product of the principles of the pyramid's spatial energy and the energy (P) generated by its triangle section, the hexagonal energy (H) produced by the Hiranya pattern, and HK's cutting-edge nano-technology (NT).
2. The solid structure of a pyramid includes planes of a Hiranya pattern; conversely, a Hiranya pattern becomes a pyramid when it turns its plane into a three-dimensional structure.

Features of Ceramic Materials

Nano ceramic material is produced by grinding natural ores into ultra-fine particles and heating them at a temperature higher than 1600oC. It is designed to make best use of the combined advantages of Hiranya and pyramid patterns to emit more far infrared rays.



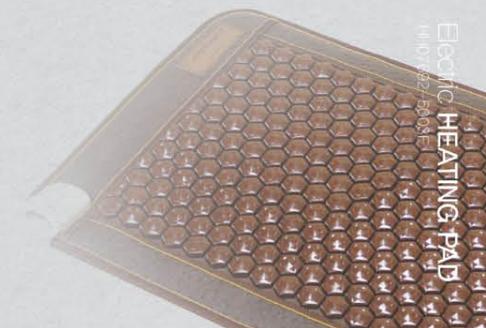
01) **Biolite** : is described as the best among all medicinal ingredients by a old pharmacopeia called "Hyangyokjipseongbang"

02) **Kiyoseki stone** : emits a lot of anions and far infrared rays.

03) **Tourmaline** : this special mineral has pyroelectric properties.

04) **Cheonkwangseok** : emits a lot of negative ions and far infrared rays.

05) **Geumgangyaktol** : is one of the three medicinal stones mainly produced in North Korea (which contains the largest amount of minerals in the world.)



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Far Infrared Rays and Anions

Nano ceramic material is produced by grinding natural ores into ultra-fine particles and heating them at a temperature higher than 1600oC. It is designed to make best use of the combined advantages of Hiranya and pyramid patterns to emit more far infrared rays.

1. Far infrared ray

Far infrared rays have the longest waves among infrared rays. They generate waves with a wavelength of 8~11um which are beneficial to the human body by penetrating into a depth of 7~8 cm, increasing body temperature and promoting blood circulation, thus accelerating metabolic activity and improving tissue regeneration.



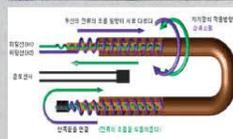
2. Anion

Anions are called the vitamin in the air. Anion therapy helps the body neutralize blood and increase resistance to external stress. A feeling of coolness results due to anion effects although thermal energy of high temperature is emitted.

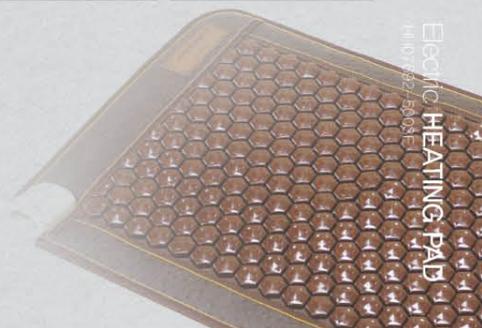
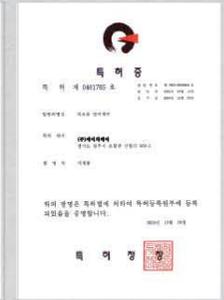
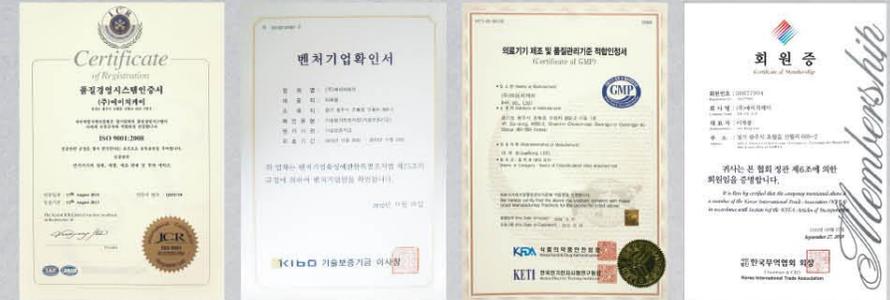


3. Non-magnetic heating wire

This product adopts non-magnetic heating wires and also provides an additional protection to block electric and magnetic fields completely. This design and structure will allay your anxieties about electromagnetic waves.



List of Certifications



Electric HEATING PAD
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Quality Warranty

Product Name: Electric Heating Pad HH07692-5003E

The above-mentioned product is warranted for its quality as described below:

Warranty period	One (1) year from the date of purchase
Date of purchase	YY MM DD
Customer	Address:
	Name:
	Tel. No.:
Store	Name of store:
	Name of director:
	Address
	Tel. No.:

1. This product undergoes our strict quality inspection procedure before it is shipped out.
2. This product is subject to free repair service for one year from the date of purchase according to the Consumer Protection Act if the defect is determined to result from normal use.
3. Contact the store or our A/S Center (1577-6778) or our Homepage (<http://www.hkmedical.co.kr>) if you have any problems with this product.
4. Services will be charged even during the warranty period, upon occurrence of any of the following events:
 - A. When the defect results from misuse or abuse or in connection with user's careless or negligent act.
 - B. When the defect results from willful alteration or repair by an authorized person.
 - C. When the product becomes defective or damaged as a result of fall.
 - D. When this warranty is not presented.
 - E. When this warranty does not contain the date of purchase and the seal and signature of the store where the product is purchased.
 - F. When the serial number marked on the inspection sticker has been damaged.



HK Co., Ltd.

Head office and factory :
669-2, Shinwol-ri, Chowol-eup, Gwangju-si,
Gyeonggi-do, Korea
Tel. No. : 031-798-1577
Fax. No. : 031-798-1588
Contact Number for after-service :
1577- 6778

The above-mentioned warranty service is subject to the Ministry of Finance and Economy's Notification No. 2000-12.
Contact our Service Center if you have any problem with your product and need any repair service, and you will get quick, accurate, and kind service at any time.