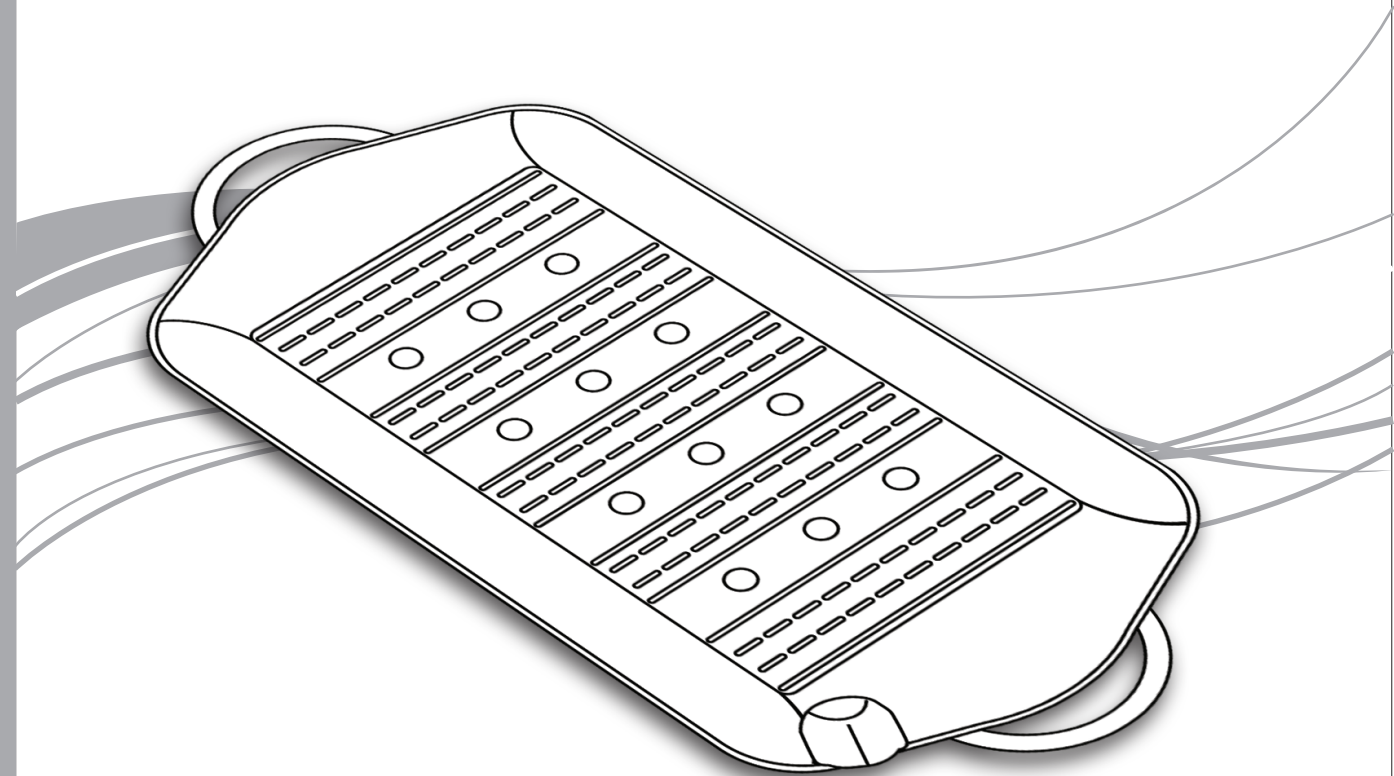




# User Manual

## CGM EMT-MS1202



Head Office  
/ Factory  
10, Jeongja 1-gil, Seonggeo-eup, Seobuk-gu,  
Cheonan-si, Chungcheongnam-do, 331-831, Korea  
TEL : (82)41-523-2550  
FAX : (82)41-523-2560  
Homepage  
<http://www.ceragem.net>



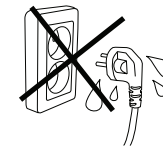


## Important safety issues

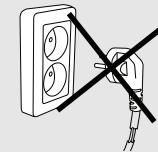
- Please read this manual thoroughly before using the product to ensure proper use.
- The cautions contained in this manual describe crucial matters on your safety.  
Be sure to follow them at all times.



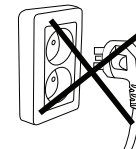
1. Do not dismantle, repair, or modify this product arbitrarily.
  - Contact our service center if the product needs repair. Unauthorized repairs pose risk of personal injuries such as fire or electric shock.



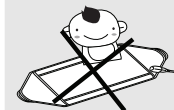
2. Do not pull the power cord or touch the plug with wet hands.  
(Be sure to hold the plug and pull to unplug.)
  - This poses risk of electric shock or fire.



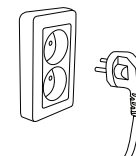
3. Do not use damaged power cord or plug or loose socket.
  - This poses risk of electric shock or fire.



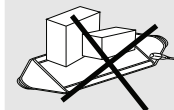
4. Do not use voltage other than the rated voltage.
  - This poses risk of electric shock or fire.



5. Children or disabled persons must use the product in the presence of a guardian.
  - Failure to do so poses risk of burns or injuries.



6. Never go out or move to another place while the mat is in operation.  
(Be sure to turn power off first when you move.)



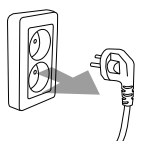
7. Do not put a blanket, other flammable materials, or anything heavy on the mat.
  - This may cause fire.



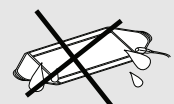
# Important safety issues



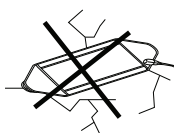
8. Never store this product folded multiple times or use it in folded state.  
- This may cause product failure or fire.



9. Disconnect the plug from the socket when the product is not in use.  
- Failure to do so causes electric shock, leak, or fire.



10. Do not wet the main body and controller.  
(If water permeates, there is risk of overheating and electric shock.  
In such case, stop using the product and pull the power plug immediately.)  
- Do not use the product until it is completely dried. In case of abnormality, contact our service center.



11. Do not put the product in an unsafe place.  
- If you put the product on an uneven ground, it can fall or drop (may cause product failure).

- Do not use the product on the face (risk of burns or injuries).
- Be careful when using the product with another device (risk of malfunction).
- Stop using the product immediately when it fails.
- In case of power outage, turn power off and disconnect the power cord.
- If you experience any abnormal symptom, stop using the product immediately and seek medical attention.
- Do not connect the control unit to the other appliance.
- Appliance must be returned to the manufacturer or distributor if the fuse has ruptured.
- This appliance is not intended for medical use in hospitals.

# Contents

>> Important safety issues ----- 1

1. The name of each part ----- 4

2. Using the product ----- 5

3. Management techniques and storage methods----- 6

4. Guide to Product A/S ----- 7

5. Product Specifications ----- 8

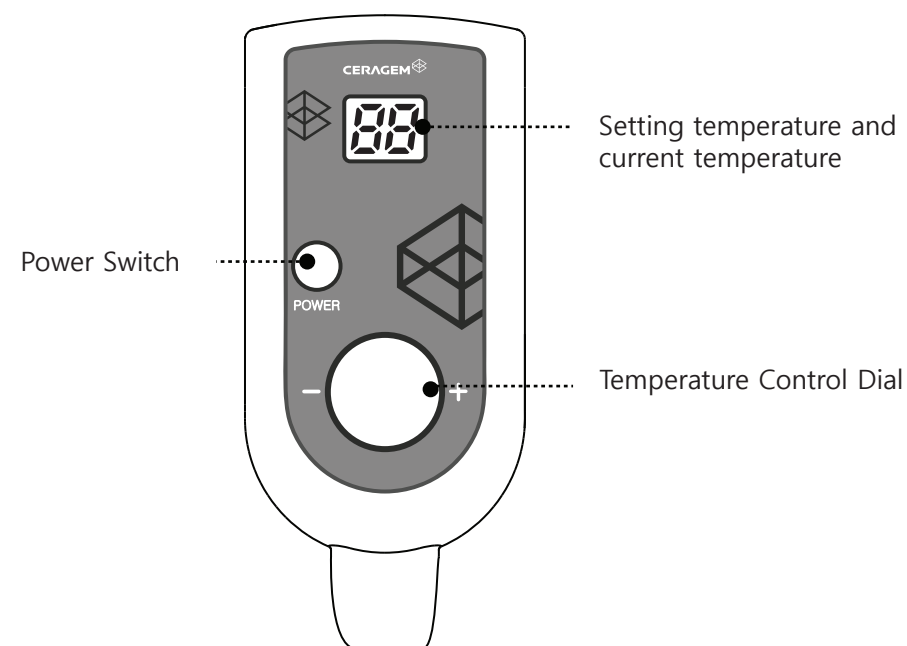
6. Product Warranty ----- 9



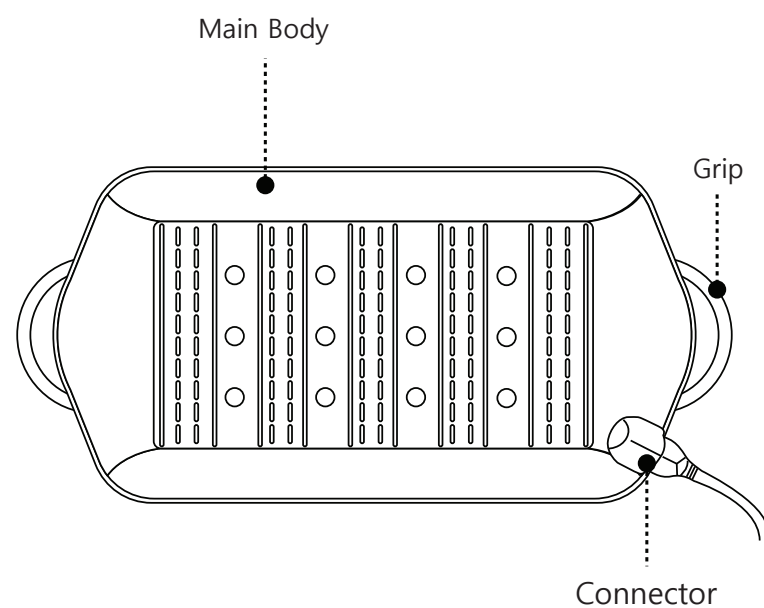


## 1. The name of each part

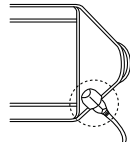
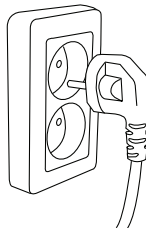
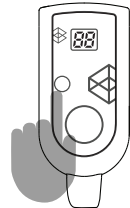
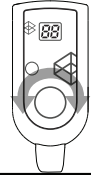
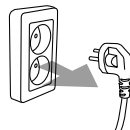
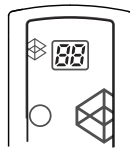
### Controller



### Mat



## 2. Using the product

1. Connect the connector 	1. Connect the temperature controller connector to that of the mat's main body. - Both grooves must match for connection.
2. Connect the power cord 	1. Connect the power cord to the socket. - This product is used only for AC220V-240V, 50/60Hz. Before connecting the cord, be sure to check. ※ Do not use loose socket or damaged power code.
3. Use the temperature controller 	1. Connect the power cord and press the power switch on the controller to turn power on. 2. Pressing the power switch sets the 12-hour timer automatically; the setting temperature appears on the temperature display for 3 seconds and then changes to the current temperature. 3. After 12 hours, the temperature controller turns off automatically.
4. How to control the temperature 	1. After pressing the power switch, fix the temperature control dial to the desired temperature. The setting temperature then appears on the temperature display. (Temperature - : 30°C / + : 65°C)
5. When the product is not in use 	1. Press the power switch once again to turn power off. 2. Be sure to disconnect the power cord from the socket when the product is not in use.
6. Error messages 	1. In case of abnormal overheat (65°C) while the mat is in use, "th" appears on the temperature display and starts blinking. 2. In case abnormal or short-circuited heating wire occurs while the mat is in use, "SE" appears on the temperature display and starts blinking. 3. In case of open heating wire while the mat is in use, "--" appears on the temperature display and starts blinking.



Caution

Extended period of use at high temperature poses risk of burns.  
Be sure to set the dial to "-" when using the product for an extended period.



### 3. Management techniques and storage methods

#### Management Techniques

- 1) Unplug the power cord from the socket before cleaning the product.
- 2) Wipe off the dust on the surface of the main body and the controller with dry towel or fabric.
- 3) Do not use chemical solvents such as benzene or thinner (may cause damage to the product).
- 4) Do not wash the main body and controller (risk of electric shock).
- 5) Wait until the product cools down and avoid creases when storing it.

#### Storage Methods

- 1) Avoid direct sunlight or sharp change of temperature and humid places.
- 2) Do not store the product in a place with lots of humidity, dust, or oil.
- 3) Do not store the product in crumpled state or folded multiple times (may cause product failure).
- 4) Do not store the cord in folded or twisted state.
- 5) Store the product in a place with good ventilation.
- 6) Dry the product sufficiently in a place with good ventilation about once a month.
- 7) Check often for any damage in the product. Stop using the product and contact the A/S center in case of abnormality or misuse.



### 4. Guide to Product A/S

#### Self-check – Before Contacting Us for A/S

Power is not turned on.

- Is power not turned on? Check the main power.
- Is the power cord connected well?

The mat is not heated.

- Is the temperature controller connected to the mat's main body?
- Is the temperature controller dial properly set?

The mat is too hot.

- Is the mat not folded?
- Have you set the temperature dial to "+" for an extended period?

The following do not indicate product failure:

- I can feel warmth from the temperature controller: There is slight heat generated since the heat shield is installed inside the temperature controller.
- I can hear some noise from the temperature controller: The noise is generated when many electronic parts control or adjust the temperature inside the controller.
- I can hear some noise from the mat: The noise is generated when the mat offsets the wavelength of the electromagnetic waves or magnetic fields and blocks the electromagnetic waves. It is also heard when electricity is automatically cut off after the highest temperature is reached.

#### Request for A/S

If the product is not operating normally even after the self-check, stop using it immediately. Turn power off and disconnect the power cord.

For A/S requests, contact the CERAGEM customer support center.



## 5. Product Specifications

Article	Heating Mat(Ceramix Mat M1)
Model	CGM EMT-MS1202
Voltage	AC220V-240V, 50/60Hz
Consumption Power	84W±10%
Temperature Available	30°C~65°C
Measurement	450mm×870mm×30mm(W×L×H)
Weight	4.5Kg

- ※ The design and product specification may be changed without prior notice for purposes of quality improvement.
- ※ The contents of the user manual may be changed according to the company's circumstances without prior notice.



## 6. Product Warranty

### Warranty

Article : Heating Mat(Ceramix Mat M1) , Model : CGM EMT-MS1202

CERAGEM provides warranty for the product described above according to the regulations of the Customer Protection Law.

Manufacturing No.			
Year/Month/Day of Purchase			
Free Warranty Period			
Information of Customer	Name	Contact No.	
	Address		
Place of Purchase	Name of Dealer	Contact No.	

In case you do not have a product warranty, or you did not fill out the required fields, you will be either entitled to free service or charged for A/S in accordance with the additional standard for the quality warranty period.

If you experience any failure in your product, be sure to contact the dealer where you made your purchase. In case your dealer cannot handle the problem, contact the customer support center for service.

#### Standard for Customer Service Support

1. The free warranty period for this product is one year.
2. If you experience any spontaneous failure under normal operation during the 1-year free warranty period from the date of purchase, you are entitled to free service. Under the following cases, however, you will be charged for the service even if the free warranty period is still valid:
  - Failure and damage due to careless handling
  - Failure and damage due to natural disasters
  - Failure due to non-observance of the usage instructions and cautions described in the user's manual
  - Failure due to unauthorized repair or modification by the customer
  - Consumables whose service life has ended
  - Failure occurring in an environment outside the range stated in the product warranty
  - Other abnormal operations due to connection to products of other manufacturers
3. This warranty is valid only domestically. Since it is not reissued, take care not to lose it.

This warranty guarantees free service based on the duration and condition above. Therefore, it does not restrict the customer's legal rights. For questions on repair beyond the warranty period, contact the dealer where you purchased the product or the customer service center.

**CERAGEM CO., LTD.**  
10, Jeongja 1-gil, Seonggeo-eup, Seobuk-gu,  
Cheonan-si, Chungcheongnam-do, 331-831, Korea  
Tel : (82)41-523-2550 Fax : (82)41-523-2560  
Homepage : <http://www.ceragem.net>