



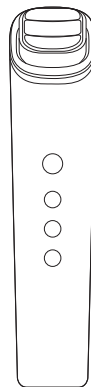
Operating Instructions

(Household use) The Advanced Ionic Cleansing and Toning Device IonBoost Multi EX

Model No. EH-SS85

English..... 3

中文 39



Operating Instructions

(Household use) The Advanced Ionic Cleansing and Toning Device IonBoost Multi EX

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Thank you for purchasing this Panasonic product.

Before operating this unit, please read these instructions completely and save them for future use.


The USB power adaptor is sold separately.


Safety precautions


Make sure to follow these instructions.

To prevent accidents, injuries or damage to property, please follow the instructions below.

- **The following chart indicates the degree of damage caused by improper operation.**

 **DANGER** Indicates a potential hazard that will result in serious injury or death.

 **WARNING** Indicates a potential hazard that could result in serious injury or death.

 **CAUTION** Indicates a potential hazard that could result in minor injury or property damage.

- **The symbols are classified and explained as follows.**



This symbol indicates prohibition.



This symbol indicates requirement that must be followed.

DANGER

► Preventing accidents

Do not use this appliance near electronic medical devices or home electrical therapy devices such as the following:

- **Pacemakers and other electronic medical devices implanted in the body**
- **Heart-lung machines and other life-supporting electronic medical devices**
- **Wearable electronic medical devices, such as electrocardiographs and intravenous drip equipment**

- Accidents or health problems can be caused by malfunction of the electronic medical device or electrical home therapy device.



⚠ WARNING

► To prevent skin or health problems

The following persons should not use this appliance:

- Individuals with heart disease
- Individuals with facial nerve disorders
- Individuals with hemorrhagic disease, hemophilia or other blood disorder
- Babies, toddlers or other child in the growth stage, or other individual who cannot indicate intent
- Individuals who suffer a medical condition in the head due to a traffic accident or other traumatic event

Do not use this appliance near the heart with the EMS feature on.

- Doing so may cause accidents or illness.

The following persons should not use this appliance:

- Persons with allergies
 - Persons with skin diseases or atopic dermatitis
- Doing so may cause skin problems.

Individuals without sense of heat should not use this appliance.

- Doing so may cause burn injury.

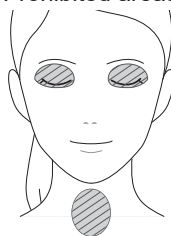
Women who are pregnant or have gone through childbirth in the past one month should not use this appliance.


- Doing so may cause skin trouble due to hormonal imbalance.

Do not use this appliance in the following body area or following cases.

- When you do not feel well
 - After taking a steroid hormone, an immunosuppressant or any other medication that induces sleepiness
 - When you are very tired
 - Areas with skin damage, eczema or swelling
 - When there are abnormalities on the skin such as dermatitis or extreme sunburns
 - Body parts where epilation was performed on the same day
 - Areas of the body that have received a surgical treatment (reconstructive or cosmetic surgery)
 - Throat or mucous membranes
- Doing so may cause skin problems or other health issues.

<Prohibited areas>



Do not use the appliance on areas marked by .

Do not use on eyelids.

- Doing so may cause eye problems.

⚠ WARNING

Do not use the COOL mode when the ambient temperature is below 15 °C.

- If such use is attempted, the IONIC head may stick to the skin and can result in skin damage.

The following persons should consult own physician before using this appliance:

- Individuals with serious disease
 - Individuals with acute disease
 - Individuals with malignant tumors
 - Individuals with sensory disorders due to advanced peripheral circulatory impairments, for example those caused by diabetes
 - Individuals with infectious disease
 - Individuals with febrile disease
- Failure to do so may cause accidents or illness.



The following persons should consult own physician before using this appliance:

- Persons with sensitive skin
- Failure to do so may cause skin problems.



If you feel pain or abnormality on your skin or other part of your body, immediately stop using this product.

- Failure to do so may cause accidents or skin/physical trouble.

► **USB power adaptor and USB cable:**

Do not immerse them in water or wash with water.

Do not place them over or near water filled sink or bathtub.

Never use the appliance if they are damaged or if the power plug fits loosely in a household outlet.

Do not damage them.

• **Do not deface, modify, forcefully bend or pull them. Also, do not place anything heavy on, twist or pinch them.**

- Doing so may cause electric shock or fire due to a short circuit.



Do not use them to charge other devices.

[Note that USB power adaptor (ES-RU1-02) can be used with compatible Panasonic products.]

- Doing so may cause burns or fire due to a short circuit.



Always plug the USB cable to a power supply with a rated voltage of 5.0 V and a rated output current of 1.0 A which meets requirements of the Safety Extra Low Voltage (SELV) system.

- Failure to do so may cause burns or fire due to a short circuit.




When cleaning the appliance, disconnect the USB power adaptor from the household outlet.

- Failure to do so may cause electric shock or injury.




WARNING

Regularly clean them to prevent dust from accumulating.

-  - Failure to do so may cause fire due to insulation failure caused by humidity.
Remove the USB power adaptor and wipe it with a dry cloth.

Use the specified USB power adaptor and USB cable.


-  - Failure to do so may cause burns, electric shock or fire due to a short circuit.

► **Power supply**

Do not connect or disconnect the USB power adaptor from the household outlet with wet hands.

-  - Doing so may cause electric shock or injury.

Do not use in a way that would exceed the rating of the household outlet or the wiring.

-  - Exceeding the rating by connecting too many plugs to one household outlet may cause fire due to overheating.

Fully insert the power plug of the USB power adaptor securely.

-  - Failure to do so may cause fire or electric shock.

► **This product**

This product has a built-in rechargeable battery. Do not throw into fire, apply heat, or charge, use, leave, or store in a high temperature environment.



- Doing so may cause overheating, ignition, or explosion.

Do not modify or repair.



- Doing so may cause fire, electric shock, or injury.
Contact an authorized service center for repair (replacement of battery etc).

Do not disassemble the product except for disposal.



- Doing so may cause fire, electric shock, or injury.

► **In case of an abnormality or malfunction**

Immediately stop using the device and disconnect the USB power adaptor.

- Failure to do so may cause fire, electric shock, or injury.

<Abnormality or malfunction cases>






- **The main unit, USB power adaptor or USB cable is deformed or abnormally hot.**
- **The main unit, USB power adaptor or USB cable smells of burning.**
- **There is an abnormal sound during use or charging of the main unit.**
- Immediately request inspection or repair at an authorized service center.

WARNING

- **Take care of the following precautions as well**
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Failure to do so may cause an accident or injury.

CAUTION

- **Power supply**
 **Do not charge when the appliance socket is wet.**
- Doing so may cause burns or fire.
-  **Be careful that foreign objects such as dust or metallic pins do not get on the appliance's power plug, USB plug, USB port and appliance socket.**
- Doing so may cause electric shock or fire due to a short circuit.
-  **Disconnect the USB power adaptor from the household outlet when not charging.**
- Failure to do so may cause electric shock or fire due to electrical leakage resulting from insulation deterioration.

► Note the following precautions

Do not use the appliance too much on the same area of the skin.



- Failure to do so can damage the skin or can cause or aggravate other problems such as infection, inflammation, bleeding or abnormal pigmentation of the skin.



Before using, check that the head is free from cracks, chips, deformities, and other damage.

- Failure to do so may cause injury to the skin.



Use only for care of the face, chest and neck (excluding the arm used for a patch test).

- Failure to do so may cause skin damage, inflammation, etc.



If you feel discomfort in your teeth while using the appliance, select a lower treatment level or avoid using the appliance on the discomfort-causing spot of the skin.

- Use of the appliance may cause temporary tooth pain.

Handling of the removed battery when disposing

DANGER



- The rechargeable battery is exclusively for use with this appliance. Do not use the battery with other products.
- Do not charge the battery after it has been removed from the product.
- Do not throw into fire or apply heat.
- Do not hit, disassemble, modify, or puncture with a nail.
- Do not let the positive and negative terminals of the battery get in contact with each other through metallic objects.
- Do not carry or store the battery together with metallic jewellery such as necklaces and hairpins.
- Do not use or leave the battery where it will be exposed to high temperatures, such as under direct sunlight or near other sources of heat.
- **Never peel off the battery cover film.**
 - Doing so may cause overheating, ignition, or explosion.

WARNING

After removing the rechargeable battery, do not keep it within reach of children and infants.



- The battery will harm the body if accidentally swallowed.

If this happens, consult a physician immediately.

If the battery fluid leaks out and comes in contact with the eyes, do not rub the eyes, and thoroughly rinse with clean water, such as tap water.



- Failure to do so may cause eye injury.

Consult a physician immediately.

CAUTION

If the battery fluid leaks out and comes in contact with the skin or clothes, rinse off with clean water, such as tap water.



- Failure to do so may cause inflammation.

Important information

- Charge the appliance correctly according to these Operating Instructions. (See page 20 "Charging".)
- This appliance contains battery that is only replaceable by skilled persons. Please contact an authorized service center for the details of repair.

Note the following precautions in order to prevent malfunction and damage

- Do not drop or hit against other objects.
- Store the appliance in a place with low humidity after use.

This symbol on the product means that not generated higher voltage than the safety extra low voltage (SELV). In which protection against electric shock relies on power supply.



Before use

► Use frequency

- Limit the amount of use up to a total of 15 minutes per day.

► Skin precautions

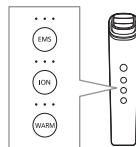
- Before use, a skin allergy test is required.
(See page 21.)
 - This quick test checks for any potential skin issues before you begin using the appliance normally.
- Use the appliance with bare skin (after removing make-up and cleansing your face).
- Observe the skin condition while using the appliance.
 - Once any problem is found with the skin, immediately stop using the appliance and consult a physician.

► Accessories

- Before use, remove earrings or any other jewellery from the face or around the neck.

► Level selection (EMS, ion level and temperature)

- Select the desired level and temperature according to the skin conditions and personal preferences.
 - For the first use, it is recommended to set all the levels to "LOW".

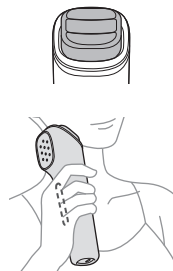


► EMS stimulation

- How clearly you can feel the EMS stimulation differs depending on the area of the skin being treated and also on the type and the amount of the skin care product you are using with the appliance.
- If you feel uncomfortable with EMS stimulation, avoid the area to which the appliance is being applied.

► Skin detection function / vibration of the IONIC head

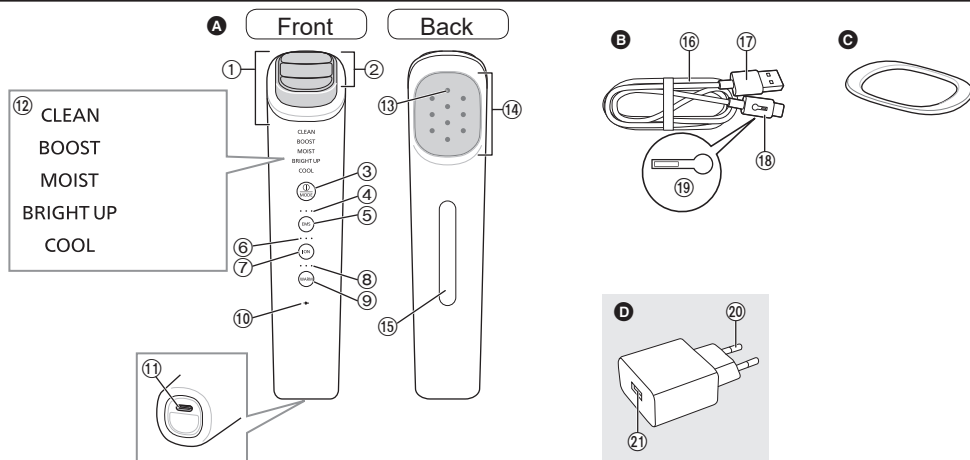
- The output is started by gripping the Ion inductive panel and placing the IONIC head on the skin.
 - While the appliance is giving output, you will feel EMS stimulation if the EMS feature is on. Alternatively, you will feel the IONIC head vibrate if the EMS feature is off.
 - The output will be suspended if the IONIC head is away from the skin or the contact pressure is too weak.
 - The switch does not operate while giving the output.
 - The skin detection function is available in the following 3 modes.
CLEAN / MOIST / BRIGHT UP



► Power management

- The power cannot be turned on with the adaptor connected. Disconnect the USB power adaptor and the USB cable to use the appliance.
- The power turns off automatically after each mode is completed.
- In each of the treatment modes where skin contact detection is available, the appliance will automatically turn itself off when any of the following conditions has continued for approximately 30 seconds: Your hand is away from the Ion inductive panel, the IONIC head is away from the skin, or no user action is taken to select the EMS, ION level or temperature setting.

Parts identification



A Main body

- ① IONIC head
- ② EMS electrodes
- ③ POWER/MODE switch
- ④ EMS indicator [white]
- ⑤ EMS switch
- ⑥ ION LEVEL indicator [white]
- ⑦ ION switch
- ⑧ Temperature indicator [white]
- ⑨ WARM switch
- ⑩ Charging indication/notification lamp ()
- ⑪ Appliance socket (Type-C)

⑫ Mode indicator [white]

⑬ Red LEDs

(the “•” dots in the picture)

⑭ POWER BOOST head

⑮ Ion inductive panel

- Senses that the Ion inductive panel and the IONIC head are in contact with the skin and outputs EMS and/or ION.

B USB cable

- ⑯ Cord
- ⑰ USB plug (Type-A)

⑱ USB plug (Type-C)

- With overheat protection function

⑲ Overheat protection function mark

Accessories

C Cotton ring

- Can be attached to the main body with or without a cotton pad.

Optional parts

D USB power adaptor (ES-RU1-02) (Sold separately)

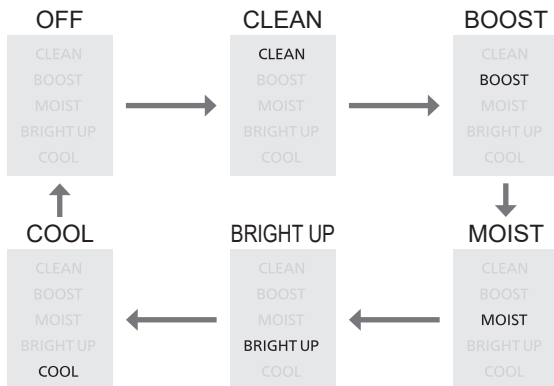
- ⑳ Power plug
- ㉑ USB port (Type-A)

How to switch the mode, level and temperature

POWER/MODE switch



The mode switches each time the switch is pressed, and the indicator of the selected mode lights on.



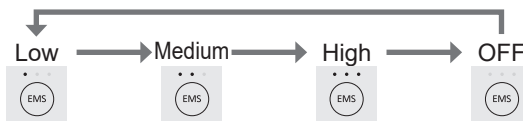
- Each time after being powered on, the appliance starts up with the CLEAN mode selected.
- When the treatment time for the selected mode expires, the appliance will alert the user with vibration immediately before automatically turning itself off.

EMS, ION and WARM switches

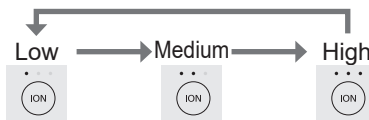


The level switches each time the switch is pressed.

► EMS switch



► ION switch



► WARM switch



Memorization of the selected treatment modes and levels

- The mode cannot be recorded.
- The EMS on/off status will be stored.

The appliance will not record the last selected EMS level and will always start up with the EMS level "Low" when the EMS feature is turned on.

Set the EMS level each time as your prefer.

- The appliance records last used ion and temperature level, and starts with the same setting when switched on.
- The stored levels in the memory will be reset when the appliance has not been used for a long time or after the battery has completely drained.

Notes

- Use the appliance in an ambient temperature approximately 15 °C or higher. The head may not warm up when the operating temperature is not within the recommended range.

► Treatment modes and levels

| | EMS | ION | Temperature |
|-----------|-----|-----|-------------|
| CLEAN | — | ✓ | ✓ |
| BOOST | — | — | — |
| MOIST | ✓ | ✓ | ✓ |
| BRIGHT UP | ✓ | ✓ | ✓ |
| COOL | — | — | — |

The combinations marked "—" are not available.

Modes and recommended skin care products

You can use a single treatment mode or multiple treatment modes in combination depending on your skin condition and the types of issues you want to address. (See page 17.)


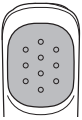

- Note that the effectiveness may vary from person to person.
- You can also use more than one skin care product together with the appliance.



ION

Temperature

EMS

: Select the desired level for each.

| Mode | Features | Head used | Recommended skin care products | |
|---|--|---|---|---|
| CLEAN:3 minutes <div>ION</div> <div>Temperature</div> <div>Vibration</div> | To gently work on the skin surface to remove dead cell buildup and cleanse skin pores. |  | Attach a cotton pad for use. • Apply-and-wipe type cleansing lotion + cotton pad • Lotion + cotton pad | |
| BOOST:2 minutes <div>Power boost pulse</div> <div>Red LEDs</div> <div>Vibration</div> | To accelerate the delivery* ¹ of polymeric skin nutrients such as hyaluronic acid. This mode setting also provides phototherapeutic treatment at the same time. Use immediately before using the MOIST or BRIGHT UP mode. |  | A skin care product is not required. | |
| MOIST:3 minutes <div>ION</div> <div>Temperature</div> <div>EMS</div> <div>Vibration</div> | To accelerate the delivery of moisturizing ingredients of the skin care product through the stratum corneum layer. Select the [EMS ON] setting if you want to exercise* ² the facial muscles as well. |  | EMS OFF • Lotion + cotton pad A glutinous lotion can be used without a cotton pad. • Moisturizer • Serum • Gel • Cream • Eye cream • Sheet face mask | EMS ON • Lotion • Moisturizer • Serum • Gel • Sheet face mask |

| Mode | Features | Head used | Recommended skin care products | |
|---|--|---|--|---|
| BRIGHT UP:3 minutes <div>ION</div> <div>Temperature</div> <div>EMS</div> <div>Vibration</div> | To accelerate the delivery of vitamin C content in the skin care product through the stratum corneum layer. This setting also conveniently assists delivery* ³ of moisturizing ingredients. Select the [EMS ON] setting if you want to exercise* ² the facial muscles as well. |  | Vitamin C-containing products* ⁴ • Lotion + cotton pad A glutinous lotion can be used without a cotton pad. • Moisturizer • Serum • Gel • Cream • Eye cream • Sheet face mask | Vitamin C-containing products* ⁴ • Lotion • Moisturizer • Serum • Gel • Sheet face mask |
| COOL:2 minutes <div>Cooling</div> | To cool and tighten the skin. This setting can also be used as part of your pre-makeup skin care routine. |  | Use of a skin care product is not required. | |

*1 Reaches through the stratum corneum layer, as verified by penetrative tests using hyaluronic acid samples with molecular weight values ranging from 5 000 to 10 000.

*2 “EMS” refers to a technique that uses electrical impulses to cause human muscles to contract.

*3 Reaches through the stratum corneum layer.

*4 The BRIGHT UP mode should be used with a skin care product that contains vitamin C and/or vitamin C derivatives.

Examples of beneficial ingredients: Vitamin C, vitamin C derivatives, vitamin C ethyl, L-ascorbic acid-2-glucoside, 2-O-ethyl-L-ascorbic acid, 3-O-ethyl-ascorbic acid, magnesium ascorbyl phosphate, vitamin C-2-glucoside, vitamin C magnesium phosphate, trisodium ascorbyl phosphate, glyceryl ascorbate, trisodium ascorbyl palmitate phosphate, activated C, disodium isostearyl ascorbyl phosphate, etc.

About EMS

- In the MOIST or BRIGHT UP mode, you can choose to turn the EMS feature on or off.
- The IONIC head will not vibrate when the EMS feature is on.
- Skin care products that can be used when the EMS feature is on
 Oil-rich products such as creams tend to weaken the perceived strength of EMS stimulation, but they can be used if a moisture-rich product (lotion, moisturizer, serum, gel etc.) is added over them.

Modes and recommended treatment

- You can use a single treatment mode or multiple treatment modes in combination depending on your skin condition and the types of issues you want to address. (Limit the amount of use up to a total of 15 minutes per day)
- When the treatment time for the selected mode expires, the appliance will alert the user with vibration immediately before automatically turning itself off.
- You can also use more than one skin care product together with the appliance.
- The list of skin care products is given as examples.

Combination of EMS settings and skin care products

[With the EMS feature off]

If you want to use a lotion, use with a cotton pad is recommended. Alternatively, a glutinous lotion can be used without a cotton pad.

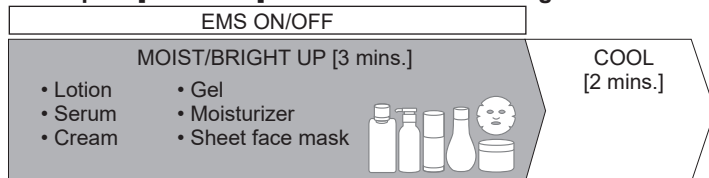
[With the EMS feature on]

Oil-rich products such as creams tend to weaken the perceived strength of EMS stimulation, but they can be used if a moisture-rich product (lotion, moisturizer, serum, gel etc.) is added over them.

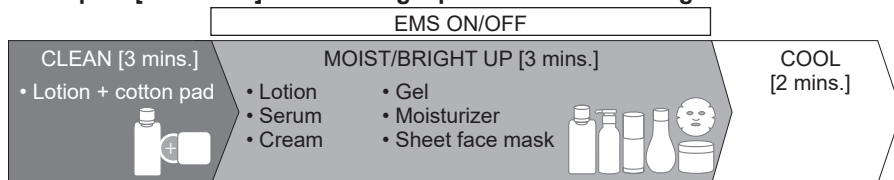
To accelerate the delivery of moisturizing ingredients and vitamin C content in the skin care product through the stratum corneum layer

- **MOIST mode:** Accelerates the delivery^{*1} of moisturizing ingredients.
- **BRIGHT UP mode:** Accelerates the delivery^{*1} of vitamin C content.
Also conveniently assists delivery^{*1} of moisturizing ingredients.

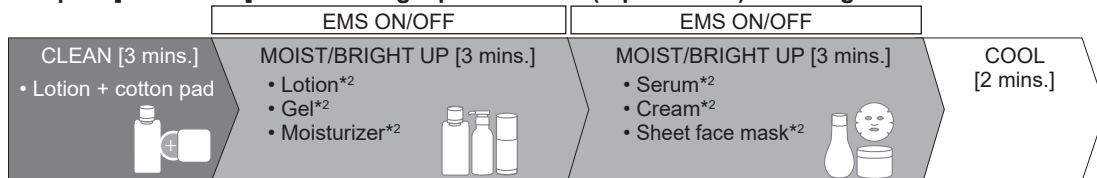
Quick plan [5 minutes] Permeation^{*1} > firming



Basic plan [8 minutes] Cleansing > permeation^{*1} > firming



Full plan [11 minutes] Cleansing > permeation^{*1} (repeat twice) > firming



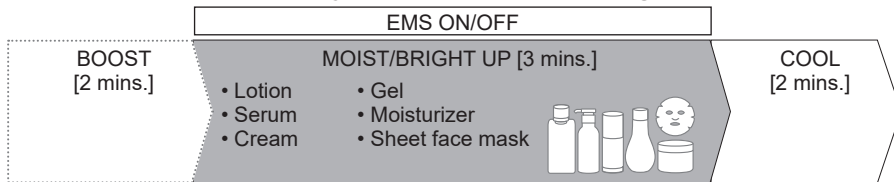
^{*1} Reaches through the stratum corneum layer.

^{*2} The list of skin care products is given as examples.

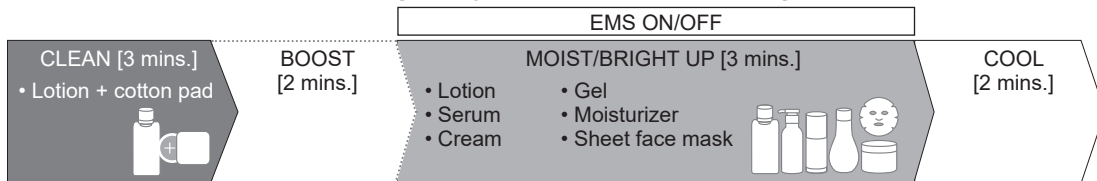
To additionally accelerate the delivery*¹ of polymeric skin nutrients: Add the BOOST mode

- BOOST mode: Opens the route for polymeric skin nutrients such as hyaluronic acid to pass through and reach deeper into the skin*¹.
The route will close up again in time. Use immediately before using the MOIST or BRIGHT UP mode.

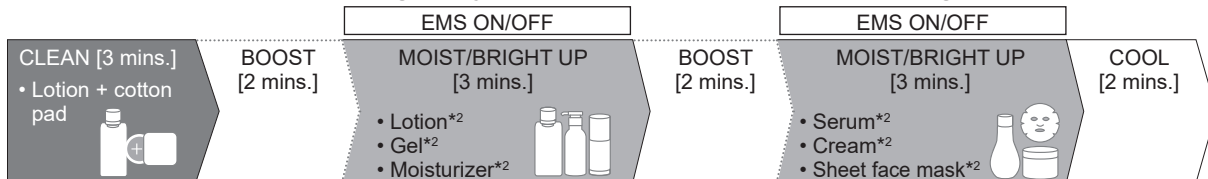
Quick plan [7 minutes] Polymer permeation*¹ > firming



Basic plan [10 minutes] Cleansing > polymer permeation*¹ > firming



Full plan [15 minutes] Cleansing > polymer permeation*¹ (repeat twice) > firming



*¹ Reaches through the stratum corneum layer, as verified by penetrative tests using hyaluronic acid samples with molecular weight values ranging from 5 000 to 10 000.

*² The list of skin care products is given as examples.

Preparation before use

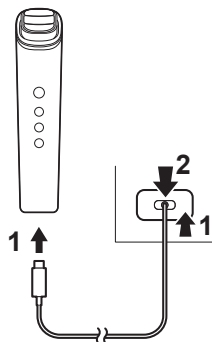
Charging

Wipe the appliance socket dry if you see beads of water or skin care product residue in or around the appliance socket.

1 Connect the USB cable to the USB power adaptor and the appliance's main body.

2 Insert the USB power adaptor fully into the household outlet.

- Check that the charging indication/notification lamp (🔌) is glowing.
- Charging is completed after approx. 3 hours.



3 When 🔌 turns off, disconnect the USB power adaptor from the household outlet and then disconnect the USB plug from the appliance.

► To check if charging is completed

Disconnect the USB plug once and then reconnect while charging.

→ If the appliance is already fully charged, 🔌 will turn on once and then turn off after approximately 5 seconds.

► When to recharge

If 🔌 starts to flash (once per second), this indicates that the battery charge level is getting low. Recharge the appliance.

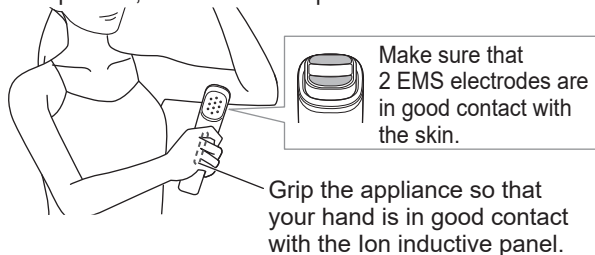
- Once fully charged, the appliance will be good for approximately 5 uses. (When used with the "Basic plan (10 minutes)" settings shown on P.19). Note that the appliance may last for fewer uses depending on the operating environment or usage.

Notes

- When charging the appliance for the first time or when it has not been in use for more than 6 months, the charging time may change or the charging indication/notification lamp (🔌) may not glow for a few minutes. It will eventually glow if kept connected.
- The required charge time may vary depending on the battery condition.
- Recommended ambient temperature for charging is 15 °C – 35 °C. It may take longer to charge or the battery may fail to charge properly in extremely high or low temperatures.
- If you have noise problems on your radio or audio player while using or recharging the appliance, use or charge the appliance elsewhere.
- Do not use any other USB power adaptor or USB cable than the ones included in the product package.
- You cannot operate when the appliance is connected to the household outlet. Disconnect the USB power adaptor and the USB cable from the outlet to use the appliance.

Skin (allergy) test procedure

To avoid potential skin problems that may occur when the appliance is used in combination with a particular skin care product, be sure to run a patch test before full use.



1 Wash the area of skin to be tested (inside of the arm) with soap and wipe the skin dry with a towel.

2 Complete the steps 1 and 2 described from P.24 to 25. Make sure that the MOIST mode is selected (with the EMS level set to "Low").

- If you are using a vitamin C-containing skin care product, select the BRIGHT UP mode.

3 Apply the IONIC head to the inside of the arm for approximately 10 seconds.

4 Observe the skin for 48 hours after the test.

► **If you notice a skin problem within 48 hours:**

Do not use the appliance in combination with the skin care product that you have used in the test.

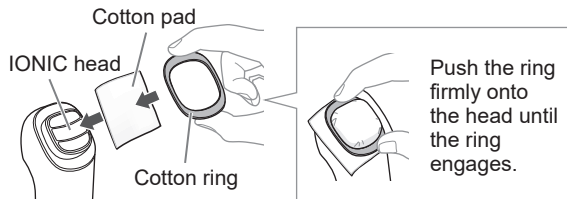
When using CLEAN mode

1 Prepare the skin care product(s).



This mode uses the IONIC head.

1. Attach an ordinary makeup cotton pad to the IONIC head.



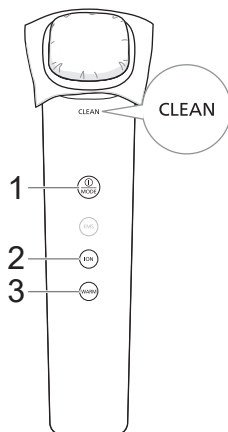
2. Soak the cotton pad with your preferred skin lotion (apply a generous amount so that the liquid soaks through to the other side of the pad).



- Apply-and-wipe type cleansing lotion + cotton pad
- Lotion + cotton pad

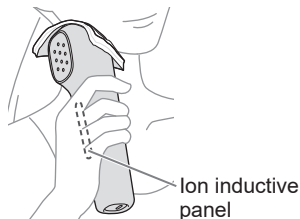
2 Select the treatment mode and set the ION level and temperature.

1. Press **MODE** to turn the power on and select the mode.
2. Press **ION** to select the ION level.
3. Press **WARM** to select the warming level. (IONIC head temperature)



3 Hold the appliance and operate it to slide the head over the skin. 3 mins.

Grip the appliance so that your hand is in good contact with the Ion inductive panel.

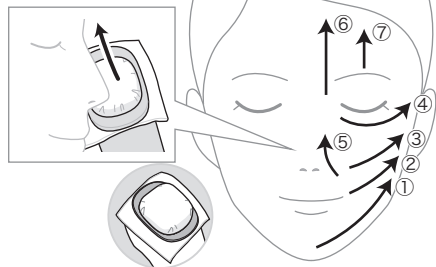


Power turns off automatically

Alerts the user with vibration

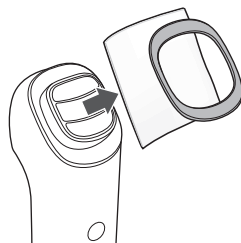
- When the IONIC head is applied to the skin in this condition, the appliance detects skin contact and vibrates the IONIC head. (See page 10.)

By following the paths ① to ⑦ in the order numbered, slowly slide the IONIC head over the skin in gentle strokes so as to cover the entire skin surface with cotton pad contact. (Treat each side of the face in the same way)



- Do not use too much pressure.
- If the cotton pad starts to dry and you have difficulty sliding the head over the skin or the IONIC head stops vibrating, add the lotion to the cotton pad as required.

4 After treatment in the selected mode ends, remove the cotton pad from the head.



If you want to turn the appliance power off before the treatment time expires:


Long-press .

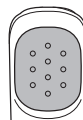
Notes

- Do not reuse the cotton pad. (Doing so may cause skin problems.)

When using BOOST mode

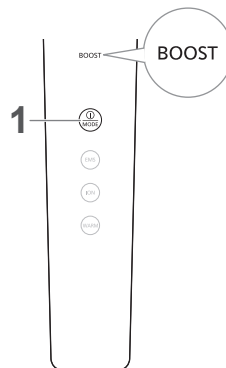
- This mode does not require using a skin care product or attaching a cotton pad or the cotton ring.
- This mode helps create the route for skin nutrients to pass through the stratum corneum layer, but the route will close up again in time.
- It is recommended to immediately proceed to the MOIST or BRIGHT UP mode as soon as after using the BOOST mode.

- 1 Press  to turn the power on and select the mode.



This mode uses the POWER BOOST head.

- In the BOOST mode, the POWER BOOST head vibrates for approximately 3 seconds and then pauses, and repeats this cycle. The approximately 3-second vibration helps open the path for skin nutrients to pass through the stratum corneum layer. The subsequent pause is a cue for the user to shift the head to the next treatment spot.



Notes

- Although this mode can be used without using a skin care product, you can choose to apply a lotion before starting the BOOST mode treatment if the skin feels too dry.

2 Use the appliance by moving the head over the skin. 2 mins.

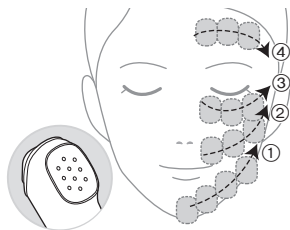
Power turns off automatically

Alerts the user with vibration

How to apply



How to move



Complete each of the paths ① to ④ in the order numbered, by touching the head to the skin for approximately 3 seconds and then moving the head away from the skin and repeating this cycle. (do this on each side of the face in the same way)

If you want to turn the appliance power off before the treatment time expires:

Long-press  .

When using MOIST or BRIGHT UP mode

- The BRIGHT UP mode should be used with a skin care product that contains vitamin C and/or vitamin C derivatives.

1 Prepare the skin care product(s).

Make sure to use an appropriate type of skin care product for the selected mode. (See pages 15 to 16.)



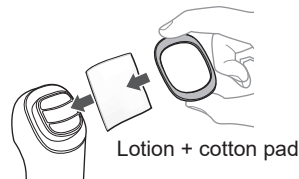
This mode uses the IONIC head.

To use with the EMS feature off

► When using a lotion

Attach an ordinary makeup cotton pad to the IONIC head, and soak the pad with your preferred lotion. (See page 21.)

- If you want to use a lotion in this mode, use with a cotton pad is recommended.



► When using a skin care product other than lotions

Apply your preferred skin care product on your face. You can also use more than one skin care product together with the appliance.

- | | | |
|---------------|---------|-------------------|
| • Moisturizer | • Serum | • Gel |
| • Eye cream | • Cream | • Sheet face mask |

• A glutinous lotion can be used without a cotton pad.

To use with the EMS feature on





Apply your preferred skin care product on your face. You can also use more than one skin care product together with the appliance.

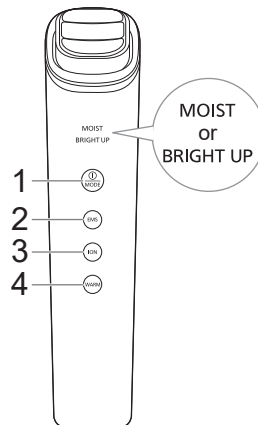
- | | | |
|----------|-------------------|---------|
| • Lotion | • Moisturizer | • Serum |
| • Gel | • Sheet face mask | |

EMS stimulation may be harder to feel if this mode is used with a lotion and a cotton pad. If you want to use the EMS feature, it may be better to apply a lotion first and then add a thicker product over it such as an moisturizer, serum or gel so that the appliance can be used with the EMS feature on without a cotton pad attached.

Oil-rich products such as creams tend to weaken the perceived strength of EMS stimulation, but they can be used if a moisture-rich product (lotion, moisturizer, serum, gel etc.) is added over them.

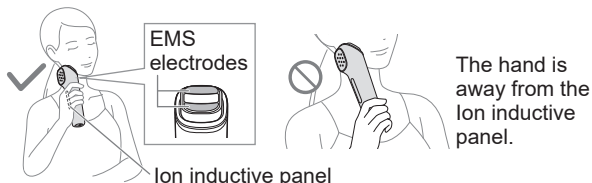
2 Select the treatment mode and set the EMS, ION level and temperature.

1. Press  to turn the power on and select the mode.
2. Press  to select the EMS level.
3. Press  to select the ION level.
4. Press  to select the warming level. (IONIC head temperature)



If EMS stimulation feels too weak, check the following

1. Check that your hand is in good contact with the Ion inductive panel and also that 2 EMS electrodes are touching the skin.



2. Add the skin care product.



3. Select a higher EMS level.

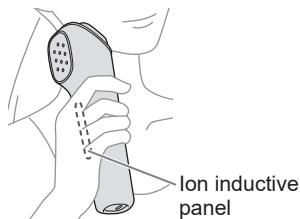


- 3 Hold the appliance and operate it to slide the head over the skin. 3 mins.

Power turns off automatically

Alerts the user with vibration

Grip the appliance so that your hand is in good contact with the Ion inductive panel.



- When the IONIC head is applied to the skin in this condition and the appliance detects skin contact, you will feel the IONIC head vibrate if the EMS feature is off, or you will feel EMS stimulation if the EMS feature is on. (See page 10.)

If you want to turn the appliance power off before the treatment time expires:

Long-press .

Notes

- If the perceived strength of EMS stimulation is not strong enough, add the skin care product as required.
- Do not reuse the cotton pad. (Doing so may cause skin problems.)

→ Slide in a continuous stroke

•••→ Touch and release in turns without sliding continuously

When using a lotion



Slowly follow the paths ① to ⑦ in the order numbered, by repeatedly touching the head against the skin with light pressure and then moving it away from the skin in turns. (treat each side of the face in the same way)

- If you are having difficulty having the appliance detect skin contact, add the lotion as required.



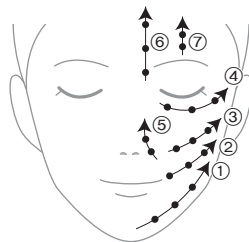
EMS OFF



EMS ON

Use without a cotton pad is recommended

When using a sheet face mask



Slowly follow the paths ① to ⑦ in the order numbered, by repeatedly touching the head against the skin with light pressure and then moving it away from the skin in turns. (treat each side of the face in the same way)

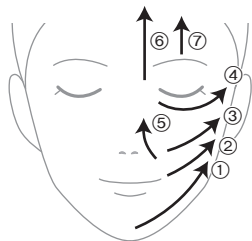


EMS ON/OFF

→ Slide in a continuous stroke

•••→ Touch and release in turns without sliding continuously

When using a glutinous lotion, serum, moisturizer, cream or gel



When doing ① and ②, focus on pushing up and lifting your jawline. ③ to ⑦ should be done in slow upward pulling motions. (Treat each side of the face in the same way)

- If you start to have difficulty sliding the head over the skin halfway through the treatment, change to repeatedly (and slowly) touching the head against the skin with light pressure and then moving it away from the skin instead of sliding the head over the skin in continuous strokes.



EMS ON/OFF

When using an eye cream or eye serum



Apply the head gently against the skin and move it slowly.

(Treat each side of the face in turns)

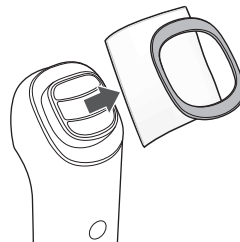
- Be careful not to stress the eyes and the skin around them.



EMS ON/OFF

4 After treatment in the selected mode ends, remove the cotton pad from the head.

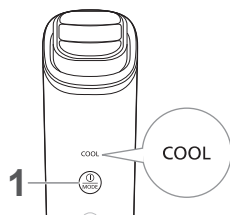
Remove the cotton pad only when a cotton pad has been applied.



When using COOL mode

- This mode does not require using a skin care product or attaching a cotton pad or the cotton ring.

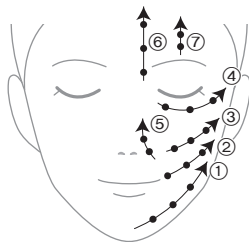
1 Press ① MODE to turn the power on and select the mode.



2 Use the appliance by moving the head over the skin. 2 mins.



This mode uses the IONIC head.



Power turns off automatically

Alerts the user with vibration

Follow the paths ① to ⑦ in the order numbered, by repeatedly touching the head against the skin with light pressure for 2 to 3 seconds and then moving it away from the skin in slow motions. (Treat each side of the face in the same way)



If you want to turn the appliance power off before the treatment time expires:

Press ① MODE .

Notes

- Do not use the COOL mode continuously in multiple sessions.
- The IONIC head will not vibrate.
- The actual IONIC head temperature may vary depending on the ambient temperature.
- The IONIC head may become temporarily warm after the appliance turns off. This is normal and does not indicate malfunction.

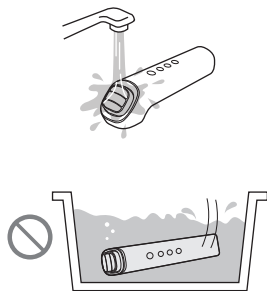
After use

Wipe the appliance or wash with water

- Check that the power is off before washing the appliance.
- Remove the cotton ring.
- If the appliance is still not clean enough, dissolve some amount of ordinary bar soap in water and wipe the appliance with a cloth soaked with the soapy water. Afterward, rinse the appliance well with clean water.

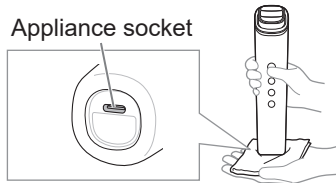
1 Wipe residual skin care product off the head and the cotton ring with tissue paper. Or, wash with water to remove the residue.

- Do not submerge the appliance in water.



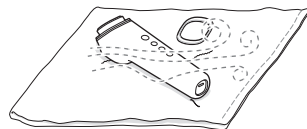
2 If there are water droplets in or around the appliance socket, remove water in the following way:

Appliance socket

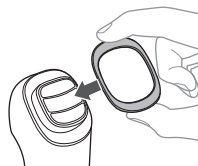


- With the appliance socket area facing down, lightly tap the appliance onto a dry cloth to drain water from the appliance socket.
- Be careful not to charge the appliance with the appliance socket wet.

3 Wipe the appliance with a dry cloth and let it thoroughly dry in a well-ventilated place.



Reinstall the cotton ring to the appliance for storage



- Do not store the appliance with the USB cable wound around the main body.



Notes

- Do not use anything other than water and bar soap to clean the appliance. (For example, do not use detergents, alcohol, or nail polish removers.)
- Thoroughly remove any gel or skin care product residue from the appliance. (Failure to do so may cause malfunction or component crack/discoloration.)

FAQ

| Question | Answer |
|------------------------------|---|
| What are power boost pulses? | <p>▶ “Power boost pulse” refers to a series of electrical pulses that helps temporarily relax the stratum corneum layer tissue to accelerate the delivery*¹ of polymeric skin nutrients such as hyaluronic acid through the stratum corneum layer.</p> <p>*¹ Verified by penetrative tests using hyaluronic acid samples with molecular weight values ranging from 5 000 to 10 000.</p> |
| What is EMS? | <p>▶ EMS stands for “electrical muscle stimulation”, which refers to a series of electrical impulses that causes human muscles to contract.</p> |
| What is ION? | <p>▶ “ION” refers to a treatment technology that uses low-level electrical current that helps cleanse the skin surface and skin pores and also accelerates delivery of skin nutrients through the stratum corneum layer.</p> |

| Question | Answer |
|--|---|
| What is LED? | <p>▶ “LED” refers to a type of phototherapy for skin treatment.</p> |
| Can I use the appliance as many times as I want in a single day? | <p>▶ Limit the amount of use up to a total of 15 minutes per day. Excessive use of the appliance can be detrimental to the skin.</p> |
| Can I use the CLEAN mode to remove makeup? | <p>▶ No, you cannot. Use it only after removing makeup and washing your face.</p> |
| I don't understand the difference between the MOIST mode and the BRIGHT UP mode. | <p>▶ The BRIGHT UP mode accelerates delivery of vitamin C through the stratum corneum layer. Use this mode with a vitamin C-containing skin care product. (See pages 15 to 16.)</p> |
| Can I change the treatment level halfway through the treatment? | <p>▶ Yes, you can change the treatment level before the treatment time expires. (See page 13.)</p> |

| Question | Answer |
|-------------------------------------|--|
| EMS stimulation feels too weak. ▶ | <ul style="list-style-type: none"> • Check that your hand is in good contact with the Ion inductive panel and also that 2 EMS electrodes are touching the skin. • If the skin is not sufficiently wet with skin care product, EMS stimulation may be harder to feel. Add the skin care product as required to keep the skin wet. • Select a higher EMS level. • Use of an oil or oil-rich product such as cream may weaken the perceived strength of EMS stimulation. (See page 16.) |
| EMS stimulation feels too strong. ▶ | <ul style="list-style-type: none"> • Select a lower level. • How clearly you can feel the EMS stimulation differs depending on the area of the skin being treated and also on the type and the amount of the skin care product you are using with the appliance. |

| Question | Answer |
|---|--|
| What if I feel tooth pain when using the appliance? ▶ | <p>Use of the appliance may sometimes irritate tooth nerves. Having a dental filling may worsen this tooth pain.</p> <ul style="list-style-type: none"> • Select a lower level. • Be careful not to press the head too strongly to the skin, and avoid using the appliance in areas that cause tooth pain. |
| My cotton pad comes off easily from the head. ▶ | <p>Some types of cotton pads do not adequately fit the appliance head due to their size, thickness or shape. Try using a different cotton pad.</p> |
| My skin stings even when the EMS feature is off. ▶ | <p>Add the skin care product as required or select a lower ION level.</p> <ul style="list-style-type: none"> ▶ If the skin is not sufficiently wet with skin care product, the ION stimulation may feel a little bit strong. |
| My fingers sting. ▶ | <p>Select a lower ION level.</p> <ul style="list-style-type: none"> ▶ If your hand is dry, the ION stimulation may feel a little bit strong. |



| Question | Answer |
|--|--|
| What is the service life of the battery? | <p>The service life of the product battery is approximately 3 years.</p> <p>► If you start to notice that the appliance lasts for smaller number of uses even after a full recharge, this may be an indication that the battery is approaching the end of its service life. (The battery service life may vary depending on the use and storage conditions.)</p> |
| Can I change the battery by myself? | <p>► No, you cannot. (Doing so may cause malfunction.)</p> <p>Contact the store where you purchased the unit.</p> |
| Does the battery deteriorate if I don't use the appliance for an extensive period of time? | <p>► Yes, it can. If you are not using the appliance for more than 6 months, fully recharge the battery at least once every 6 months.</p> |
| If I fully recharge the battery every time, does it affect the battery service life? | <p>► No, it does not. As the appliance uses a lithium-ion battery, repeated full recharges do not affect the battery service life.</p> |


| Question | Answer |
|---|--|
| Can I separately purchase the cotton ring and other accessories? | <p>► Contact the store where you purchased the unit.</p> |
| Is it OK to recharge the appliance with the appliance socket wet? | <p>► Wipe off water from the appliance socket area and allow the appliance to dry before recharging. (See page 30.)</p> |
| Can I keep the appliance connected for recharge all the time when not in use? | <p>► Keeping the appliance connected for recharge for more than 3 hours does not adversely affect its performance. For best safety and energy saving, however, it is recommended to disconnect the USB power adaptor after the appliance is fully charged.</p> |
| Is it OK to keep the cotton ring attached to the appliance even when I am not using a cotton pad? | <p>► Yes it is.</p> <p>Keep the cotton ring on the appliance during use.</p> |

Troubleshooting

Perform the following actions.

If the problems still cannot be solved, contact the store where you purchased the unit or a service center authorized by Panasonic for repair

| Problem | Action |
|---|---|
| The power does not turn on even after  is pressed. | ► Charge the appliance. Check if the appliance is connected to the household outlet. |
| | ► → Disconnect the USB power adaptor from the outlet to use the appliance. Check if you are using a specified USB power adaptor or USB cable. ► → Always use the specified power adaptor and cable. |
| The charging indication/notification lamp () does not turn on or goes out. | ► This lamp turns off after charging is complete. (See page 20.) |
| | ► Check if the USB power adaptor is fully inserted into the household outlet. Check if the USB plugs are fully inserted into the appliance socket and the USB port. |

| Problem | Action |
|--|--|
| My appliance powered off automatically after flashing all the mode indicator lamps (twice per second). | ► This indicates that an error shutdown was triggered by the appliance's internal protection feature. Turn the appliance power back on after a while. → If the condition repeats, contact the store where you purchased the unit. |
|  flashes in red (twice per second) when the appliance is being recharged. | ► Check if you are recharging the appliance in the recommended recharge temperature range (15 °C to 35 °C). This condition indicates a recharging error. → If the condition repeats, contact the store where you purchased the unit. |

| Problem | Action |
|--|---|
| The appliance stops operating or powers off halfway through use. | <ul style="list-style-type: none"> ▶ The power will be automatically turned off after each mode is completed. |
| | <ul style="list-style-type: none"> ▶ Charge the appliance. (See page 20.) |
| | <p>The appliance is programmed to automatically turn itself off when any of the following conditions has continued for approximately 30 seconds: Your hand is away from the Ion inductive panel, the IONIC head is away from the skin, or no user action is taken to select the EMS, ION level or temperature setting. (When the CLEAN, MOIST or BRIGHT UP mode is selected)</p> <ul style="list-style-type: none"> → Turn the power on again and select the desired level, and use the appliance with the head applied to the skin. |

| Problem | Action |
|--|--|
| The appliance only lasts for a few minutes even after a full recharge. | <p>The battery has reached the end of its life. (approximately 3 years) (See page 33.)</p> <ul style="list-style-type: none"> ▶ Please contact the store where purchased. (Customers cannot replace the battery as doing so may cause malfunction.) |
| | <p>Check if you are using a specified USB power adaptor or USB cable.</p> <ul style="list-style-type: none"> ▶ → Always use the specified power adaptor and cable. |
| The IONIC head does not get warm. | <ul style="list-style-type: none"> ▶ Check if the temperature is set to "Off". (See page 13.) |
| | <p>Check if you are using the appliance in the recommended use temperature range (15 °C or higher).</p> <ul style="list-style-type: none"> ▶ |
| The IONIC head does not cool. | <p>Check if you are using the appliance in the recommended use temperature range (15 °C or higher).</p> <ul style="list-style-type: none"> ▶ |
| | <p>Check if the COOL mode has been used continuously for too long.</p> <ul style="list-style-type: none"> ▶ |

| Problem | Action |
|--|---|
| The IONIC head does not vibrate. | <ul style="list-style-type: none"> ▶ The IONIC head does not vibrate in the COOL mode. |
| | Check if the EMS feature is on in the MOIST or BRIGHT UP mode. |
| | <ul style="list-style-type: none"> ▶ The IONIC head does not vibrate when the EMS feature is on. |
| | Check if your hand is in good contact with the Ion inductive panel when applying the head to the skin. (See page 10.) |
| The appliance makes a clattering noise during use. | <ul style="list-style-type: none"> ▶ Check if the cotton pad is sufficiently soaked with either an apply-and-wipe type cleansing lotion or a lotion (apply a generous amount so that the liquid soaks through to the other side of the pad). |
| | <ul style="list-style-type: none"> ▶ You will hear operating noise when the IONIC head or the POWER BOOST head vibrates. (This is normal and does not indicate a fault) |

Battery life

The life of the battery is 3 years. The battery in this appliance is not intended to be replaced by consumers. Have the battery replaced by an authorized service center.

Removing the built-in rechargeable battery

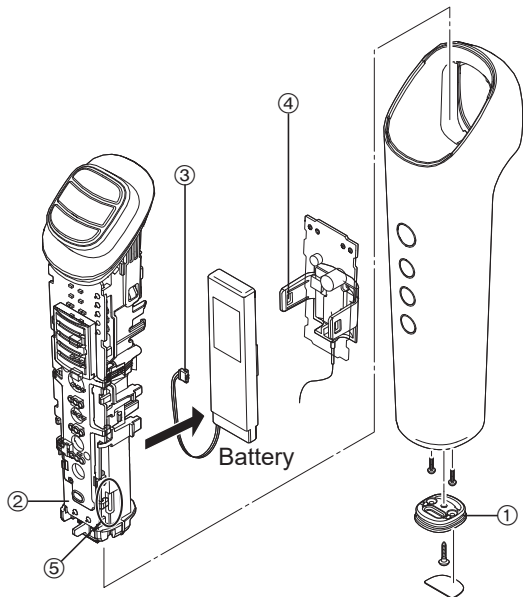
Remove the built-in rechargeable battery before disposing of the appliance.

The battery is to be disposed of safely.

Please make sure that the battery is disposed of at an officially designated location if there is one.

This figure must only be used when disposing of the appliance, and must not be used to repair it. If you dismantle the appliance yourself, it will no longer be waterproof, which may cause it to malfunction.

- Remove the seal from the bottom of the appliance's main body.
- Remove the screw (1 piece) and take out ①.
- Take out ② and the POWER BOOST head.
- Disconnect the battery connector ③, unhook ④ and remove the circuit.
- Insert a screwdriver between ⑤, remove the tape, and take out the battery.



For environmental protection and recycling of materials

This appliance contains a Lithium-ion battery. Please make sure that the battery is disposed of at an officially assigned location, if there is one in your country.

Optional parts (Sold separately)



USB power adaptor
(ES-RU1-02)

Specifications

| | |
|---|---|
| Output rating of applicable adaptor (sold separately) | 5.0 V $\overline{=}$ 1.0 A In compliance with the Safety Extra Low Voltage (SELV) system |
| Charging time | Approx. 3 hours |

This product is intended for household use only.

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感謝您購買本 Panasonic 產品。
使用本產品之前，請仔細閱讀本說明書，並妥善保存以供未來使用。

USB 電源供應器需另購。

安全須知


請務必依照以下指示。

為了防止意外、受傷或財物損失，請依照以下指示。


■ 以下符號表示不當使用而導致的受損程度。

 **危險** 表示潛在的危險會導致嚴重受傷或致命。

 **警告** 表示潛在的危險可能會導致嚴重受傷或致命。

 **注意** 表示潛在的危險可能會導致輕微受傷或財物損失。

■ 符號已按下方分類並作出解釋。

 此符號表示禁止。

 此符號表示必須遵循的要求。

危險

► 避免意外

請勿在下列電子醫療裝置或家用電療裝置附近使用本產品：

- 心臟起搏器和其他植入體內的電子醫療裝置
- 心肺機和其他維生電子醫療裝置
- 穿戴式電子醫療裝置，例如心電圖儀和靜脈注射裝置
- 電子醫療裝置或家用電療裝置的故障可能會導致事故或健康問題。

警告

► 為了防止皮膚或健康問題

下列人士不應使用本產品：

- 患有心臟病者
 - 患有顏面神經疾病者
 - 患有出血性疾病、血友病或其他血液疾病者
 - 嬰兒、幼兒或其他處於成長階段的兒童，或其他無法表達意圖者
 - 因交通事故或其他創傷事件而患有頭部疾病者
- 請勿在 EMS 功能開啟時在心臟附近使用本產品。
- 此動作可能導致意外或身體不適。

下列人士不應使用本產品：

- 有過敏體質的人士
- 患有皮膚病或異位性皮膚炎的人士
- 此動作可能導致皮膚問題。

溫度感知能力較差的人士不應使用本產品。

- 此動作可能導致燒傷。

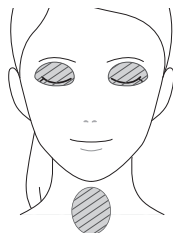
⚠ 警告


- ❌ 孕婦或過去一個月內剛分娩過的女士不應使用本產品。
- 此動作可能導致因荷爾蒙不平衡的皮膚問題。

請勿在下列身體部位或下列情況下使用本產品。

- 當您感到不適時
- 當您服用類固醇激素、免疫抑制劑或任何其他引起嗜睡的藥物
- 當您非常疲倦時
- 皮膚受損、濕疹或腫脹的部位
- 當皮膚出現皮膚炎或嚴重曬傷等異常情況時
- 同一天曾經進行除毛的身體部位
- 曾接受手術治療（重建或美容手術）的身體部位
- 喉嚨或黏膜
- 此動作可能導致皮膚問題或其他健康問題。

< 禁止使用範圍 >



請勿在標記為  的範圍使用產品。

- ❌ 請勿在眼蓋上使用。
- 此動作可能導致眼部問題。

當環境溫度低於 15 °C 時，請勿使用 COOL 模式。

- ❌ - 如強行使用，離子感應頭可能會黏住皮膚，導致皮膚損傷。

下列人士在使用本產品前，應詢問其醫生：

- 患有嚴重疾病者
- 患有急性疾病者
- 患有惡性腫瘤者
- ❗ • 因嚴重週邊循環障礙（例如糖尿病引起的感覺障礙）而患有感覺障礙者
- 患有傳染病者
- 患有熱病者
- 否則可能會導致意外或身體不適。

下列人士在使用本產品前，應詢問其醫生：

- ❗ • 敏感肌人士
- 否則可能會導致皮膚問題。

❗ 如果您感覺皮膚或身體其他部位疼痛或異常，請立即停止使用本產品。

- 否則可能會導致意外或皮膚 / 身體問題。

► USB 電源供應器和 USB 電源線：

切勿將它們浸在水中或用水洗滌。

請勿將它們放在有水的水池或浴缸上方或附近。

如它們損壞，或電源插頭未緊接家用電源插座上，

❌ 切勿使用本產品。

❌ 切勿損壞它們。

- 切勿破壞它們表面、改裝、用力弄彎及拉扯。此外，切勿將重物放在它們上、旋轉或夾緊它們。
- 否則可能會因短路而導致觸電或火警。

❌ 切勿使用 USB 電源供應器 / USB 電源線為其他裝置充電。

❌ 【請注意 USB 電源供應器 (ES-RU1-02) 可與 Panasonic 兼容的產品使用。】

- 否則可能會因短路而導致灼傷或火警。

警告

為符合特低電壓或安全特低電壓 (SELV) 系統的要求，請務必將 USB 電源線插入額定電壓為 5.0 V、額定輸出電流為 1.0 A 的電源供應器中。

- 否則可能會因短路而導致燒傷或火警。



清潔產品時，請從家用插座斷開 USB 電源供應器。

- 否則可導致觸電或受傷。



應定期清潔 USB 電源供應器和 USB 電源線，以防止灰塵堆積。

- 否則濕氣可令絕緣失效，導致火警。

拔除 USB 電源供應器，然後用乾布擦拭。



使用專用的 USB 電源供應器和 USB 電源線。

- 否則可能因短路而導致灼傷、觸電或火警。

► 電源供應

請勿用濕手從家用插座連接或斷開 USB 電源供應器。

- 否則可導致觸電或受傷。



切勿以超出家用電源插座或配線額定值的方式使用產品。

- 將太多插頭插至同一插座上，以致超出額定值，可能會因過熱而導致火警。



必須牢固插入 USB 電源供應器的電源插頭。

- 否則可導致火警或觸電。

► 本產品

本產品內置充電電池。請勿丟入火中、接近熱源或在高溫的環境中充電、使用、留置或存放在高溫的環境中。

- 否則可導致過熱、燃燒或爆炸。



切勿改裝或自行維修產品。

- 否則可能導致火警、觸電或受傷。

請聯絡 Panasonic 直屬服務站進行維修（更換電池等）。



除棄置本產品時外，請勿拆卸本產品。

- 否則可能導致火警、觸電或受傷。

► 若發生異常現象或故障

立即停止使用設備，然後拔除 USB 電源供應器。

- 否則會造成火警、觸電或受傷。

< 異常或故障情況 >



• 主機、USB 電源供應器或 USB 電源線變形和異常灼熱。

• 主機、USB 電源供應器或 USB 電源線出現燒焦氣味。

• 主機在使用或充電時出現異常聲響。

- 請立即將產品帶往 Panasonic 直屬服務站，以要求檢查或維修。

► 也請留意下列注意事項

患有體能、感官或智力減退，或缺乏經歷和知識之人士（包括小孩），在無人監護或未獲告知如何使用的情況下不得使用本產品。請勿讓小孩使用本產品。

- 否則可能導致意外或受傷。

注意

► 電源供應



充電插座處於濕狀態時請勿充電。

- 否則可能會導致灼傷或火警。



注意不要讓灰塵或金屬針等異物進入本產品的電源插頭、USB 插頭、USB 接口和充電插座。

- 否則可能會因短路而導致觸電或火警。



不充電時，應從家用電源插座拔出 USB 電源供應器。

- 否則可因絕緣劣化造成漏電，導致觸電或火警。

► 請注意以下注意事項



請勿長時間在皮膚同一部位使用本產品。

- 否則可能會損害皮膚，或導致 / 加深其他如感染、發炎、出血或皮膚色素沉著異常等問題。



使用前，請檢查機頭是否有裂痕、碎片、變形和其他損壞。

- 否則可能導致皮膚受傷。



只可用於面部、胸部和頸部的護理（不包括用於貼膚試驗的手臂）。

- 否則可能會導致皮膚受損和發炎等。



如果您在使用本產品時感到牙齒不適，請選擇較低的護理等級或避免在引起不適的皮膚部位使用本產品。

- 使用本產品可能會引起短暫的牙齒痛楚。

如何處置從廢棄產品中拆下的電池

危險



- 本充電電池僅能用於搭配此本產品使用。請勿將本電池搭配其他產品使用。
- 將電池從產品拆除後，請勿進行充電。
- 請勿丟入火中或加熱。
- 請勿撞擊、拆解、改裝或以指甲穿刺。
- 請勿讓電池的正極和負極端子透過金屬物質相互接觸。
- 請勿將電池與金屬飾品，如項鍊及髮夾等一起攜帶或存放。
- 切勿在高溫的位置使用或放置電池，例如在陽光直射或靠近其他熱源的地方。
- 請勿拆下電池外皮。
- 否則可導致過熱、燃燒或爆炸。

警告



拆除充電電池後，切勿放在孩童或嬰兒可取得的地方。

- 若意外吞下電池，會傷害身體。
若發生此情況，請立即就醫。



若電池液體外洩且接觸到眼睛，請勿揉搓眼睛，並使用清水（如自來水）徹底沖洗。

- 否則可能會導致眼睛受傷。
請立即就醫。

⚠ 注意



若電池液體外漏且接觸到皮膚或衣物，請使用清水（如自來水）沖洗。
- 否則可能導致發炎。

重要資訊

- 請根據使用說明書正確地為產品充電。（請參閱第 54 頁的「充電」。）
- 本產品所含的電池只能由技術人員更換。請聯絡 Panasonic 直屬服務站洽詢修理細節。

為防止產品故障和損壞，請注意以下注意事項

- 切勿掉落，或者與其他物體發生碰撞。
- 使用後將產品收納在低濕度的地方。

產品上的此符號表示不會產生高於安全特低電壓（Safety Extra Low Voltage，SELV）的電壓，其以供電的適當設計防止觸電事故。



使用前

► 使用頻率

- 每日使用總時長請勿超過 15 分鐘。

► 護膚須知

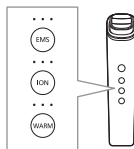
- 使用前，需進行皮膚過敏測試。
（請參閱第 55 頁。）
 - 這個簡單的試驗讓您在正式使用之前檢查和識別潛在的皮膚問題。
- 請在裸肌上使用本產品（卸妝並潔面後）。
- 監測您的皮膚狀況並相應調整使用頻率。
 - 皮膚感覺不適時請立即停止使用，並諮詢醫生。

► 配件

- 使用本產品之前，確保已將任何面部或頸部的首飾取下，例如耳環。

► 關於等級選擇（EMS、離子和溫熱等級）

- 依照您的皮膚狀況及個人喜好選擇所需等級。
 - 開始使用時，請將所有等級設定為「低」。



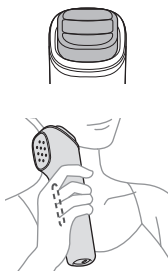
► EMS 刺激

- EMS 刺激的感受程度取決於接受護理的皮膚部位，還取決於與本產品一起使用的護膚品的類型和用量。
- 如 EMS 刺激使您感到疼痛或不適，請避免在不適的範圍使用本產品。

► 離子感應頭皮膚接觸感知功能

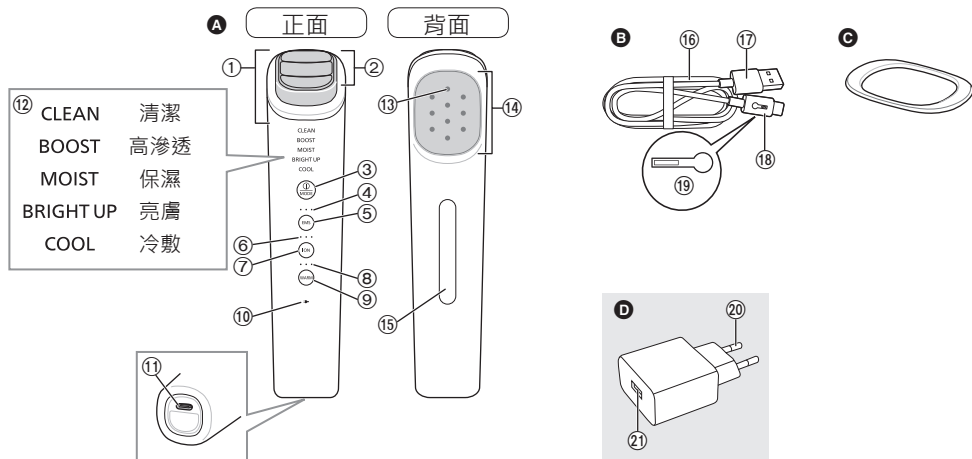
- 當使用者將手部覆蓋離子感應板並將離子感應頭接觸皮膚時，本產品將自動偵測皮膚接觸狀態，並啟動輸出。當本產品輸出電流時，如 EMS 功能開啟，您將感受到 EMS 刺激。如 EMS 功能關閉，您也將感受到離子感應頭的震動。

- 當離子感應頭未接觸皮膚或接觸壓力不足時，系統將暫停電流輸出。
- 本產品於電流輸出期間將屏蔽開關訊號輸入。
- 皮膚接觸偵測功能在以下 3 種模式下可用。
CLEAN / MOIST / BRIGHT UP



► 電源管理

- 連接到家用插座時，無法操作本產品。斷開 USB 電源供應器和 USB 電源線的連接才使用本產品。
- 每個模式完成後，電源會自動關閉。
- 在每個皮膚接觸偵測功能可用的護理模式下，當下列任一情況持續約 30 秒時，本產品將自動關機：您的手部離開離子感應板、離子感應頭離開皮膚或用戶未進行 EMS、離子或溫熱等級設定操作。



A 主體

- ① 離子感應頭
- ② EMS 電極
- ③ POWER/SELECT 開關
- ④ EMS 等級指示燈 [白]
- ⑤ EMS 開關
- ⑥ 離子等級指示燈 [白]
- ⑦ ION 開關
- ⑧ 溫熱等級指示燈 [白]
- ⑨ WARM 開關
- ⑩ 充電指示 / 通知燈 (電池圖示)
- ⑪ 充電插座 (Type-C)
- ⑫ 模式指示燈 [白]

- ⑬ 紅色 LED (圖中「●」點)

- ⑭ 功率增強感應頭

- ⑮ 離子感應板

- 感知離子感應板和離子感應頭與皮膚接觸，並輸出 EMS 和 / 或離子。

B USB 電源線

- ⑯ 電源線
- ⑰ USB 插頭 (Type-A)
- ⑱ USB 插頭 (Type-C)
- 具過熱保護功能
- ⑲ 過熱保護功能標誌

配件

C 棉環

- 可選擇是否在主體上安上化妝棉。

另購零件

D USB 電源供應器 (ES-RU1-02) (需另外購買)

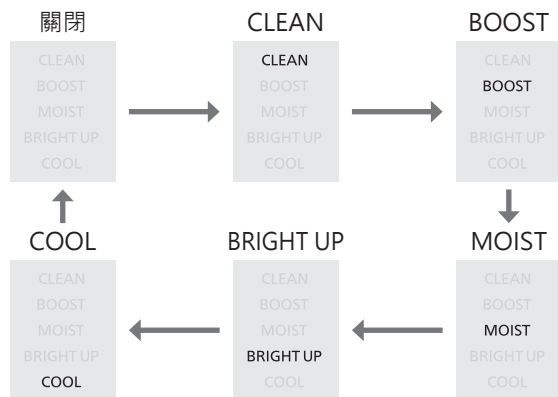
- ⑳ 電源插頭
- ㉑ USB 接口 (Type-A)

如何切換模式、等級和溫度

POWER/SELECT 開關



每次按下開關，以下列順序切換至下一個模式，且當前選定模式之指示燈會亮起。



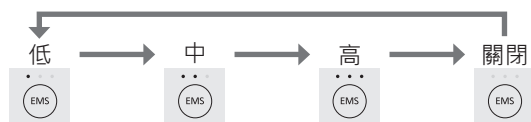
- 本產品每次啟動時，將從設定為 **CLEAN** 模式開始。
- 當選定模式的護理時間結束時，本產品將立即以震動提示使用者，隨後自動關機。

EMS、ION 和 WARM 開關

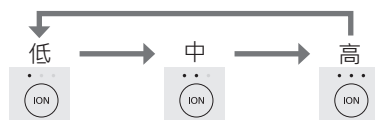


每次按下開關，以下列順序切換至下一個等級：

► EMS 開關



► ION 開關



► WARM 開關



選定護理模式和等級記憶功能

- 無法記錄本模式。
- 將會儲存 EMS 開啟 / 關閉狀態。
本產品將不會儲存最後一次選擇的 EMS 等級，當每次開啟 EMS 功能時，EMS 等級都會從「低」開始。每次請根據您的偏好設定 EMS 等級。
- 本產品將會儲存最後一次選擇的離子等級和溫熱等級，以便使用者後續使用相同等級設定。
- 當長時間未使用本產品或電池完全耗盡後，將會重置儲存的等級。

註

- 建議使用溫度為約 15 °C 或以上。如超出溫度範圍，機頭可能不夠溫熱。

► 護理模式和等級

| | EMS | 離子 | 溫熱 |
|-----------|-----|----|----|
| CLEAN | — | ✓ | ✓ |
| BOOST | — | — | — |
| MOIST | ✓ | ✓ | ✓ |
| BRIGHT UP | ✓ | ✓ | ✓ |
| COOL | — | — | — |

標記「-」表示該搭配不可用。

護理模式和搭配使用的護膚品

您可以根據您的皮膚狀況和想要解決的皮膚問題類型，使用單一護理模式或多個護理模式組合。

(請參閱第 51 頁。)


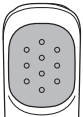

- 請留意，使用效果因人而異。
- 您也可以搭配超過一種護膚品與本產品同時使用。



離子

溫熱

EMS

為每個模式選擇所需等級。

| 模式 | 功能 | 使用的感應頭類型 | 搭配使用的護膚品 | |
|--|--|---|---|---|
| CLEAN : 3 分鐘 <div> <div>離子</div> <div>溫熱</div> <div>震動</div> </div> | 輕柔作用於皮膚表層，去除角質堆積並潔淨毛孔。 |  | 使用時請安上化妝棉。 • 擦拭型潔面乳 + 化妝棉 • 爽膚水 + 化妝棉 | |
| BOOST : 2 分鐘 <div> <div>功率增強脈衝</div> <div>紅色 LED</div> <div>震動</div> </div> | 加速透明質酸等高分子護膚成分的傳輸 *1。 此模式設定同時提供光療護理。 請於使用 MOIST 模式或 BRIGHT UP 模式前立即使用。 |  | 無需使用護膚品。 | |
| MOIST : 3 分鐘 <div> <div>離子</div> <div>溫熱</div> <div>EMS</div> <div>震動</div> </div> | 加速護膚品中保濕成分通過角質層的傳輸。 如需鍛鍊 *2 面部肌肉，請選擇 [EMS 開啟] 設定。 |  | EMS 關閉 • 爽膚水 + 化妝棉 質地足夠濃稠的護膚品 可不需搭配化妝棉使用。 • 乳液 • 啫喱 • 眼霜 • 面膜 | EMS 開啟 • 潤膚露 • 精華液 • 面膜 • 乳液 • 啫喱 |

| 模式 | 功能 | 使用的感應頭類型 | 搭配使用的護膚品 | |
|---|---|---|---|--|
| BRIGHT UP : 3 分鐘 <div>離子</div> <div>溫熱</div> <div>EMS</div> <div>震動</div> | 加速護膚品中維他命 C 通過角質層的傳輸。 此設定同時有助於保濕成分的傳輸 *3。 如需鍛鍊 *2 面部肌肉，請選擇 [EMS 開啟] 設定。 |  | 含有維他命 C 的產品 *4 • 爽膚水 + 化妝棉 質地足夠濃稠的護膚品 可不需搭配化妝棉使用。 • 乳液 • 啫喱 • 眼霜 • 面膜 • 精華液 • 乳霜 | 含有維他命 C 的產品 *4 • 潤膚露 • 精華液 • 面膜 • 乳液 • 啫喱 |
| COOL : 2 分鐘 <div>冷卻</div> | 冷卻並緊緻肌膚。 此設定亦可作為妝前護理流程的一部分使用。 |  | 無需使用護膚品。 | |

*1 經穿透性測試驗證，可穿透角質層（測試樣本：分子量 5 000 至 10 000 的透明質酸）。

*2 「EMS」指的是透過使用電脈衝造成人體肌肉的收縮的技術。

*3 可穿透角質層。

*4 BRIGHT UP 模式應與含有維他命 C 和 / 或維他命 C 衍生物的護膚品搭配使用。

有益成分示例：維他命 C、維他命 C 衍生物、乙基維他命 C、L- 抗壞血酸 -2- 葡萄糖苷、2-O- 乙基 -L- 抗壞血酸、3-O- 乙基抗壞血酸、抗壞血酸磷酸鎂、維他命 C-2- 葡萄糖苷、抗壞血酸磷酸鎂鈉、抗壞血酸甘油酯、抗壞血酸棕櫚酸磷酸三鈉、活性 C、抗壞血酸異硬脂酸磷酸二鈉等。

關於 EMS

- 在 MOIST 模式和 BRIGHT UP 模式下，您可選擇開啟或關閉 EMS 功能。
- EMS 功能開啟時，離子感應頭不會震動。
- EMS 功能開啟時可以使用的護膚品
 油性產品（如乳霜）可能降低 EMS 刺激的感知強度，但如果於其上追加使用高含水量產品（爽膚水、乳液、精華液、啫喱等），則仍可配合使用。

多個護理模式組合建議使用方法

- 您可以根據您的皮膚狀況和想要解決的皮膚問題類型，使用單一護理模式或多個護理模式組合。（每日使用總時長請勿超過 15 分鐘。）
- 當選定模式的護理時間結束時，本產品將立即以震動提示使用者，隨後自動關機。
- 您也可以搭配超過一種護膚品與本產品同時使用。
- 以列出的護膚品為例。

EMS 設定與護膚品的搭配

[EMS 功能關閉時]

如您想使用潤膚露，建議搭配化妝棉使用。或使用質地足夠濃稠的潤膚露，可不需搭配化妝棉使用。

[EMS 功能開啟時]

油性產品（如乳霜）可能降低 EMS 刺激的感知強度，但如果於其上追加使用高含水量產品（爽膚水、乳液、精華液、啫喱等），則仍可配合使用。

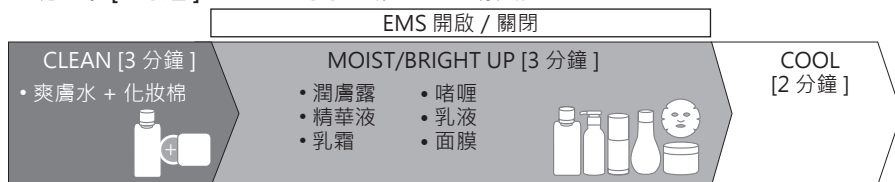
加速護膚品中保濕成分和維他命C通過角質層的傳輸

- MOIST 模式：加速保濕成分的傳輸 *1。
- BRIGHT UP 模式：加速維他命 C 的傳輸 *1。
同時有助於保濕成分的傳輸 *1。

快速方案 [5 分鐘] 滲透 *1 > 緊緻



基礎方案 [8 分鐘] 清潔 > 滲透 *1 > 緊緻



完整方案 [11 分鐘] 清潔 > 重覆滲透 *1 (兩次) > 緊緻



*1 可穿透角質層。

*2 以列出的護膚品為例。

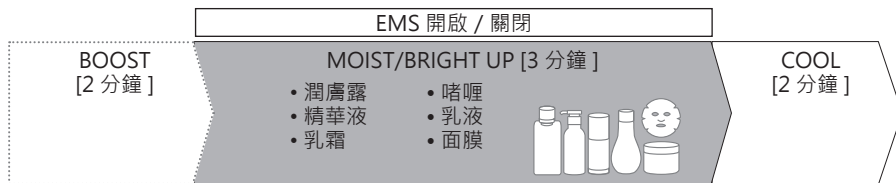
額外加速高分子護膚成分的傳輸*1：

增加BOOST模式

- BOOST 模式：為透明質酸等高分子護膚成分打開通道，使其能深入滲透至肌底 *1。
該通道會隨時間再次閉合。請於使用 MOIST 模式或 BRIGHT UP 模式前立即使用。

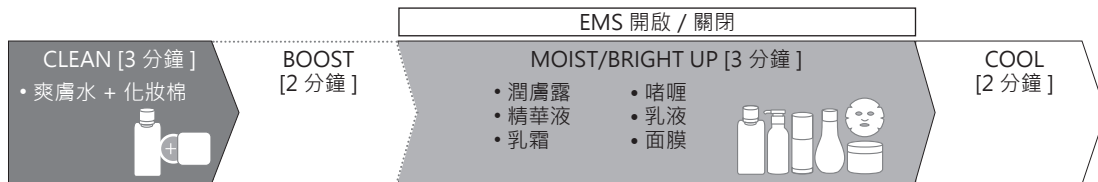
快速方案 [7 分鐘]

高分子滲透 *1 > 緊緻



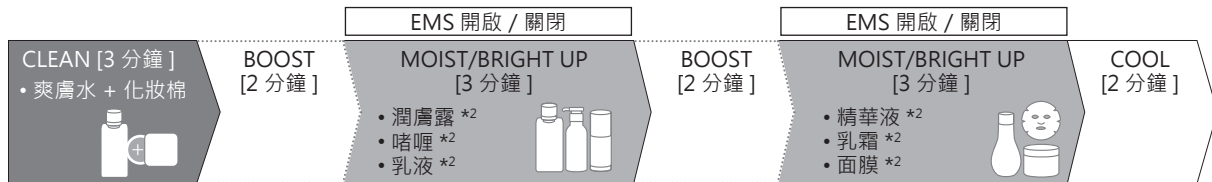
基礎方案 [10 分鐘]

清潔 > 高分子滲透 *1 > 緊緻



完整方案 [15 分鐘]

清潔 > 重覆高分子滲透 *1 (兩次) > 緊緻



*1 經穿透性測試驗證，可穿透角質層（測試樣本：分子量 5 000 至 10 000 的透明質酸）。

*2 以列出的護膚品為例。


使用前的準備

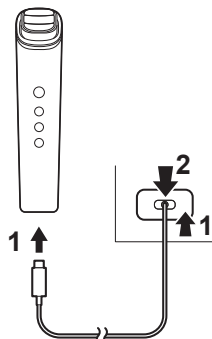
充電


如果發現充電插座內或周圍有水珠或護膚品殘留物，請將充電插座擦乾。

1 用 USB 電源線連接 USB 電源供應器和本產品的主體。

2 將 USB 電源供應器完全插入家用插座。


- 檢查充電指示 / 通知燈 () 亮起。
- 充電約 3 小時後完成。




3 當 () 熄滅時，從家用插座拔下 USB 電源供應器，並從產品拔下 USB 插頭。

► 檢查充電已滿

在充電期間拔下並重新插入 USB 插頭。


→ 如果產品已經完全充電，() 會亮起並在大約 5 秒後熄滅。

► 充電時機

當 () 開始閃爍 (每秒一次)，表示電池量低。為本產品充電。

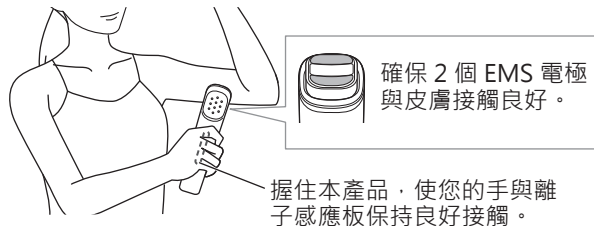
- 本產品完全充滿電後，大約可使用 5 次。(當使用第 53 頁所示的「基礎方案 [10 分鐘]」時)。
- 請留意，根據操作環境及使用方式，本產品的使用次數可能減少。

註

- 若首次為本產品充電，或之前已有 6 個月以上沒有使用，充電的時間可能會有所不同，或充電指示 / 通知燈 () 可能會有幾分鐘無法亮起。如繼續充電，指示燈最後就會亮起。
- 所需充電時間可能會根據電池狀況而有所不同。
- 建議的充電環境溫度為 15 °C 到 35 °C。在溫度極高或極低的情況下對電池充電，可能需要較長的時間，或是電池可能無法正確充電。
- 如果在使用或充電本產品時收音機或音訊播放器出現噪音問題，請在其他地方使用或充電本產品。
- 除產品包裝內附的 USB 電源供應器或 USB 電源線外，請勿使用其他配件。
- 連接到家用插座時，無法操作本產品。斷開家用插座開 USB 電源供應器和 USB 電源線的連接才使用本產品。

皮膚（過敏）測試步驟

為了避免本產品與某一特定護膚品同時使用時可能出現的潛在皮膚問題，請務必在正式使用前進行貼膚測試。



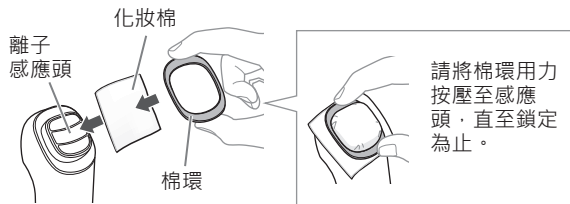
- 1 用肥皂清洗要測試的皮膚範圍（手臂內側），然後用毛巾擦乾皮膚。
 - 2 完成第 58 頁至第 59 頁所描述的步驟 1 和 2。確保選擇了 **MOIST** 模式，並且 **EMS** 等級設定為「低」。
 - 如您使用了含維他命 C 的護膚品，請選擇 **BRIGHT UP** 模式。
 - 3 將離子感應頭壓在手臂內側約 10 秒。
 - 4 測試後觀察皮膚 48 小時。
- 如您在 48 小時內發現皮膚問題：
切勿把本產品與您於測試中使用的護膚品同時使用。

在CLEAN模式使用時

1 準備好護膚品。






1. 在離子感應頭上安上一片普通化妝棉。

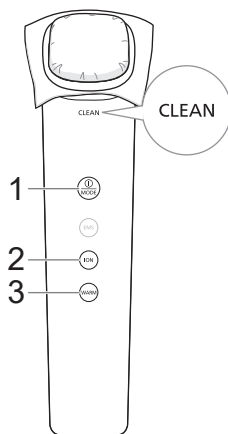


2. 用您偏好的護膚露浸濕化妝棉（請使用充足的份量，使液體滲透到化妝棉的另一邊）。



2 選擇護理模式並設定離子和溫熱等級。

1. 按下  開啟電源並選擇模式。
2. 按下  選擇離子等級。
3. 按下  選擇溫熱等級。(離子感應頭溫度)



3 手持本產品並滑動感應頭於肌膚上操作。

握住本產品，使您的手與離子感應板保持良好接觸。



3 分鐘

電源自動

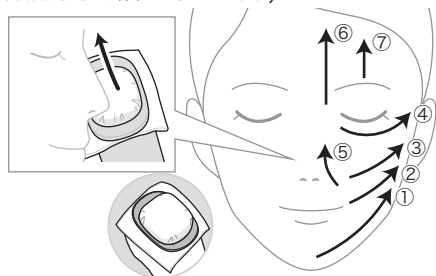
關閉

震動提示
使用者

- 當離子感應頭以此狀態貼合皮膚時，本產品會偵測皮膚接觸狀態，並透過離子感應頭發出震動提示。(請參閱第45頁。)

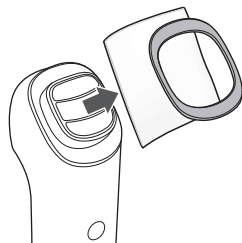
請依照數字編號①至⑦的線路，以輕柔手法在肌膚上緩慢滑動離子感應頭，確保覆蓋每寸肌膚都接觸到化妝棉。

(以相同方式護理每一邊面)



- 請勿過度施壓。
- 如化妝棉開始乾燥，機頭在皮膚上滑動困難或離子感應頭停止震動，請按需要把潤膚露添加到化妝棉。

4 選擇的模式護理結束後，請從感應頭移除化妝棉。



如果您想在護理時間結束前關閉本產品電源：

長按  。

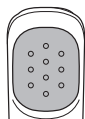
註

- 化妝棉不可重複使用。(此動作可能導致皮膚問題。)

在BOOST模式使用時

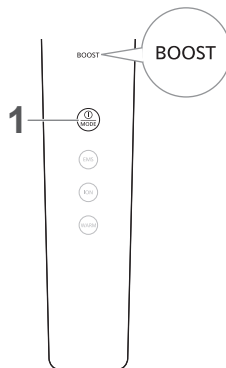
- 此模式不需使用護膚品或安裝化妝棉或棉環。
- 此模式為護膚成分建立穿透角質層的通道，但該通道會隨時間再次閉合。
- 建議在使用 BOOST 模式後立即進行 MOIST 模式或 BRIGHT UP 模式。

1 按下 開啟電源並選擇模式。



此模式使用
功率增強感應頭。

- 在 BOOST 模式下，功率增強感應頭震動約 3 秒後停頓，然後重覆「震動 - 停頓」的循環。3 秒震動有助於為護膚成分打開穿透角質層的通道。隨後的停頓提示使用者將感應頭轉移至下一個護理點。



註

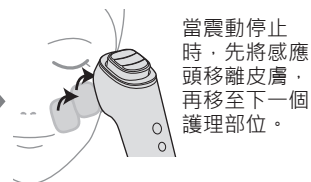
- 雖然此模式可以在不使用護膚品的情況下使用，但如肌膚感覺太乾，您可以選擇在開始 BOOST 模式護理之前塗抹潤膚露。

2 把機頭在皮膚上移動以使用本產品。2 分鐘

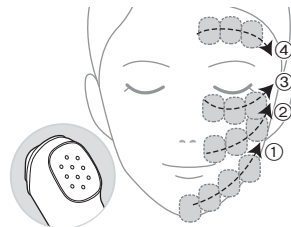
電源自動
關閉

震動提示
使用者

如何操作本產品



如何操作本產品



請沿數字編號 ① 至 ④ 的線路完成每個動作，操作方式為：將感應頭接觸皮膚約 3 秒後移開，並循環此動作。（以相同方式每一邊面進行此操作）

如果您想在護理時間結束前關閉本產品電源：

長按  。

在MOIST模式或BRIGHT UP模式使用時

- BRIGHT UP 模式應與含有維他命 C 和 / 或維他命 C 衍生物的護膚品搭配使用。

1 準備好護膚品。

請確保為選擇的模式使用合適類型的護膚品。
(請參閱第 49 到 50 頁。)



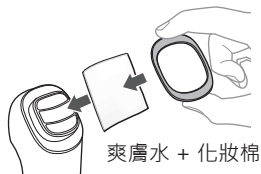
此模式使用
離子感應頭。

在 EMS 功能關閉時的使用方法

► 當使用潤膚露時

在離子感應頭上安上一片普通化妝棉，並使用您偏好的潤膚露浸潤化妝棉。(請參閱第 55 頁。)

- 如您想在此模式下使用潤膚露，建議搭配化妝棉使用。



爽膚水 + 化妝棉

► 當使用除潤膚露外的護膚品時

在面上塗抹您偏好的護膚品。
您也可以搭配超過一種護膚品與本產品同時使用。

- | | | |
|------|-------|------|
| • 乳液 | • 精華液 | • 啫喱 |
| • 眼霜 | • 乳霜 | • 面膜 |

- 質地足夠濃稠的護膚品可不需搭配化妝棉使用。





在 EMS 功能開啟時的使用方法

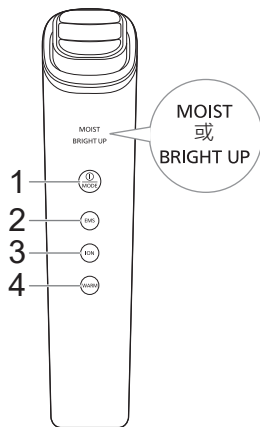
在面上塗抹您偏好的護膚品。
您也可以搭配超過一種護膚品與本產品同時使用。

- | | | |
|-------|------|-------|
| • 潤膚露 | • 乳液 | • 精華液 |
| • 啫喱 | • 面膜 | |

如果在此模式下使用潤膚露或化妝棉，可能較難感受到 EMS 刺激。如您想要使用 EMS 功能，建議先塗抹潤膚露，再疊加質地較濃稠的護膚品（如乳液、精華液或啫喱），即可直接使用 EMS 功能，無需搭配化妝棉。油性產品（如乳霜）可能降低 EMS 刺激的感知強度，但如果於其上追加使用高含水量產品（爽膚水、潤膚露、精華液、啫喱等），則仍可配合使用。

2 選擇護理模式並設定 EMS、離子和溫熱等級。

1. 按下  開啟電源並選擇模式。
2. 按下  選擇 EMS 等級。
3. 按下  選擇離子等級。
4. 按下  選擇溫熱等級。(離子感應頭溫度)



如 EMS 刺激感過弱，請檢查下列事項

1. 確認您的手與離子感應板接觸良好，且 2 個 EMS 電極正接觸皮膚。



2. 添加護膚品。



3. 選擇更高的 EMS 等級。



3 手持本產品並滑動感應頭於肌膚上操作。

3 分鐘

電源自動
關閉

握住本產品，使您的手與離子感應板保持良好接觸。

震動提示
使用者



- 當離子感應頭以此狀態接觸皮膚，本產品偵測到皮膚接觸時，如 EMS 功能關閉，您將會感受到離子感應頭的震動；如 EMS 功能開啟，您將會感受到 EMS 刺激。（請參閱第 45 頁。）

如果您想在護理時間結束前關閉本產品電源：

長按  .

註

- 如果您覺得 EMS 感知強度不夠，建議您按需要添加您偏好的護膚品。
- 化妝棉不可重複使用。（此動作可能導致皮膚問題。）

- 連續滑動
- 非連續滑動點壓式移動

當使用潤膚露時



請沿數字編號①至⑦的線路，以點壓方式（反覆將感應頭輕壓皮膚後移開）緩慢完成動作。（以相同方式護理每一邊面）

- 如您發現本產品難以偵測皮膚接觸狀態，請按需要添加潤膚露。



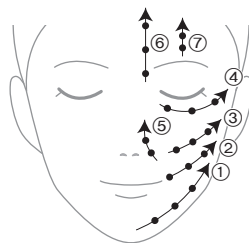
EMS 關閉



EMS 開啟

建議不使用
化妝棉

使用面膜



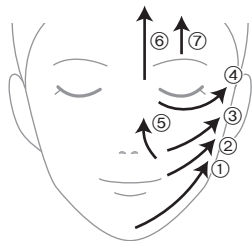
請沿數字編號①至⑦的線路，以點壓方式（反覆將感應頭輕壓皮膚後移開）緩慢完成動作。（以相同方式護理每一邊面）



EMS 開啟 / 關閉

- 連續滑動
- 非連續滑動點壓式移動

使用濃稠潤膚露、精華液、乳液、潤膚霜或啫喱



線路 ① 與 ②：專注下顎線提拉。線路 ③ 至 ⑦：緩慢向上提拉。（以相同方式護理每一邊面）

- 如護理中途，您開始覺得機頭在皮膚上滑動困難，請改用輕壓方式，緩慢地反覆將感應頭輕壓皮膚後移開，而不是連續地在皮膚上滑動按摩頭。



EMS 開啟 / 關閉

使用眼霜或眼部精華



將感應頭輕壓皮膚，並向緩慢移動。

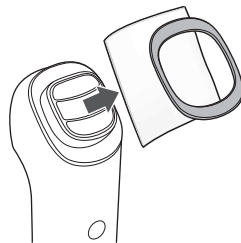
- （輪流護理每一邊面）
- 請小心避免壓到眼睛和眼周皮膚。



EMS 開啟 / 關閉

4 選擇的模式護理結束後，請從感應頭移除化妝棉。

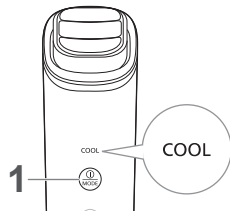
僅在已使用化妝棉的情況下，方可移除化妝棉。



在COOL模式使用時

- 此模式不需使用護膚品或安裝化妝棉或棉環。

1 按下 開啟電源並選擇模式。



2 把機頭在皮膚上移動以使用本產品。

2 分鐘

電源自動
關閉
震動提示
使用者



此模式使用
離子感應頭。



請沿數字編號 ① 至 ⑦ 的線路，以點壓方式（反覆將感應頭輕壓皮膚 2 秒至 3 秒後移開）緩慢完成動作。
（以相同方式護理每一邊面）



如果您想在護理時間結束前關閉本產品電源：

按下  。

註

- 請勿連續多次使用 COOL 模式。
- 離子感應頭不會震動。
- 離子感應頭的實際溫度會因環境溫度而變化。
- 離子感應頭於本產品關閉後可能暫時保持溫熱。此為正常現象，並非設備故障。

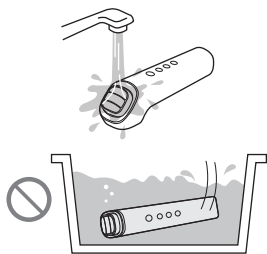
使用後

擦拭或用水清洗本產品

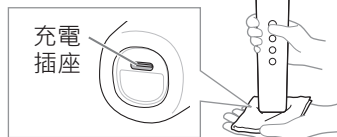
- 在清洗本產品時，確認電源已關閉。
- 移除棉環。
- 如果本產品仍然不夠乾淨，溶解一些普通肥皂在水中，然後用浸有肥皂水的布擦拭本產品。然後，用清水徹底沖洗本產品。

1 用紙巾擦拭殘留在機頭和棉環的護膚品。 或用水沖走殘留護膚品。

- 請勿把本產品浸入水中。

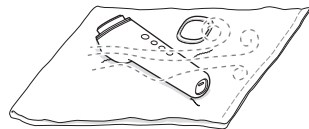


2 如果充電插座內或周圍有水滴，請依下列方式清除：

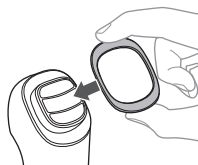


- 充電插座朝下，在乾布上輕拍本產品，以排出充電插座中的水。
- 注意不要在充電插座潮濕的情況下為本產品充電。

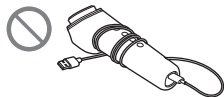
3 使用乾布擦拭本產品，並放在通風良好的地方徹底乾燥。



重新裝上棉環，放置好本產品



- 存放本產品時，請勿將 USB 電源線纏繞在主體上。



註

- 請勿使用水和肥皂以外的任何東西來清潔本產品。（例如：請勿使用清潔劑、酒精或洗甲水。）
- 徹底清除本產品上的任何啫喱或護膚品殘留物。（否則可能會導致故障或部件破裂 / 變色。）

常見問題

| 問題 | 答案 |
|--------------------|--|
| 功率增強脈衝是什麼？ | <p>▶ 「功率增強脈衝」是指一系列電子脈衝，有助於暫時放鬆角質層組織，從而加速透明質酸等高分子護膚成分通過角質層的傳輸*1。</p> <p>*1 經穿透性測試驗證（測試樣本：分子量 5 000 至 10 000 的透明質酸）。</p> |
| EMS 是什麼？ | <p>▶ EMS (electrical muscle stimulation) 代表「電子肌肉刺激」，指的是一系列造成人體肌肉收縮的電脈衝。</p> |
| 離子是什麼？ | <p>▶ 「離子」是一種使用低水平電流的護理技術，有助清潔皮膚表面和皮膚毛孔，並加速皮膚營養物質通過角質層的傳輸。</p> |
| LED 是什麼？ | <p>▶ 「LED」是一種用於皮膚護理的光療法。</p> |
| 一天內我用多少次都可以嗎？ | <p>▶ 每日使用總時長請勿超過 15 分鐘。</p> <p>▶ 過度使用本產品可能會損害皮膚。</p> |
| 我可以使用 CLEAN 模式卸妝嗎？ | <p>▶ 不可以。</p> <p>▶ 只可在卸妝及潔面後使用。</p> |

| 問題 | 答案 |
|-----------------------------------|--|
| 我不是很明白 MOIST 模式和 BRIGHT UP 模式的差異。 | <p>▶ BRIGHT UP 模式加速維他命 C 通過角質層的傳輸。使用此模式配合含維他命 C 的護膚品。</p> <p>（請參閱第 49 到 50 頁。）</p> |
| 我可以在護理中途改變護理等級嗎？ | <p>▶ 是的，您可以在護理時間結束前改變護理等級。</p> <p>（請參閱第 47 頁。）</p> |
| EMS 刺激覺得太弱。 | <p>▶</p> <ul style="list-style-type: none"> • 確認您的手與離子感應板接觸良好，且 2 個 EMS 電極正接觸皮膚。 • 如使用了護膚品的皮膚不夠濕潤，可能較難感受到 EMS 刺激。請按需要添加護膚品，以保持皮膚濕潤。 • 選擇更高的 EMS 等級。 • 使用油或油性產品（如潤膚霜）可能會減弱 EMS 刺激的感知強度。 <p>（請參閱第 50 頁。）</p> |
| EMS 刺激覺得太強。 | <p>▶</p> <ul style="list-style-type: none"> • 選擇較低的等級。 • EMS 刺激的感受程度取決於接受護理的皮膚部位，還取決於與本產品一起使用的護膚品的類型和用量。 |



| 問題 | 答案 |
|-------------------------|---|
| 使用本產品時，如果我感到牙齒疼痛，應該怎麼辦？ | <p>使用本產品有時候可能會刺激到牙齒神經。</p> <p>補牙可能會令牙痛加劇。</p> <ul style="list-style-type: none"> ▶ 選擇較低的等級。 • 注意請勿太用力把機頭壓在皮膚上，並避免在引起牙痛的範圍使用本產品。 |
| 化妝棉容易從機頭上掉落。 | <p>有些種類的化妝棉由於其尺寸、厚度或形狀，無法充分利用於本產品機頭。嘗試使用其他化妝棉。</p> |
| 即使關閉 EMS 功能，我的皮膚仍感到刺痛。 | <p>請按需要添加護膚品，或選擇較低的離子等級。</p> <ul style="list-style-type: none"> ▶ 如使用了護膚品的皮膚不夠濕潤，可能感受到稍強的離子刺激感。 |
| 我的手指刺痛。 | <p>選擇較低的離子等級。</p> <ul style="list-style-type: none"> ▶ 如手部乾燥，可能感受到稍強的離子刺激感。 |
| 電池壽命有多久？ | <p>電池壽命約為 3 年。</p> <ul style="list-style-type: none"> • 如果您發現在充滿電後可使用次數減少，可能表示電池快要到達使用壽命的盡頭。（電池壽命可能因用量及保存狀況有變。） |


| 問題 | 答案 |
|-------------------------|--|
| 我可以自行更換電池嗎？ | <p>不可以。（此動作可能導致故障。）</p> <ul style="list-style-type: none"> ▶ 請聯絡本產品的購買店鋪。 |
| 如果我長時間不使用本產品，會令電池老化嗎？ | <p>可能會。如您超過 6 個月不會使用本產品，請最少每 6 個月充滿電一次。</p> |
| 如果我每次都充滿電，會影響電池壽命嗎？ | <p>不會。因為本產品使用鋰離子電池，重複充滿電並不會影響電池壽命。</p> |
| 我可以另行購買棉環和其他配件嗎？ | <ul style="list-style-type: none"> ▶ 請聯絡本產品的購買店鋪。 |
| 充電插座濕的話，可以為本產品充電嗎？ | <ul style="list-style-type: none"> ▶ 擦拭充電插座部分的水，並讓產品乾燥後才進行充電。（請參閱第 64 頁。） |
| 不使用本產品時，我可以讓它一直連接著充電嗎？ | <p>保持本產品連接充電多於 3 小時並不會對其性能產生不利影響。然而，為了安全性和節能考慮，建議在產品充滿電後斷開 USB 電源供應器。</p> |
| 如不使用化妝棉，仍可保持棉環安裝於本產品上嗎？ | <ul style="list-style-type: none"> ▶ 是的，可以。 ▶ 使用時可保持棉環安裝於本產品上。 |

疑難排解

請執行以下操作。

如果仍然無法解決問題，請與您購買本產品的商店聯繫，或洽 Panasonic 直屬服務站進行維修。

| 問題 | 解決辦法 |
|--|---|
| 即使按下  ，電源仍不開啟。 | <p>▶ 為本產品充電。</p> <p>確認本產品是否連接到家用插座。</p> <p>▶ → 從插座斷開 USB 電源供應器的連接才使用本產品。</p> <p>確認您使用的是否指定的 USB 電源供應器或 USB 電源線。</p> <p>▶ → 請務必使用指定的電源供應器和電源線。</p> |
| 充電指示 / 通知燈 () 不亮起或熄滅。 | <p>▶ 充電完成時，此燈熄滅。（請參閱第 54 頁。）</p> <p>▶ 確認 USB 電源供應器是否完全插入家用插座。</p> <p>▶ 確認 USB 插頭是否完全插入充電插座和 USB 接口。</p> |

| 問題 | 解決辦法 |
|--|---|
| 我的產品在所有模式指示燈閃爍（每秒兩次）後自動關機了。 | <p>▶ 這表示產品的內部保護功能觸發了錯誤關機。請稍等一會，然後重新啟動產品。</p> <p>→ 如果這情況不斷發生，請聯絡本產品的購買店鋪。</p> |
| 當我為產品充電時，() 閃起紅燈（每秒兩次）。 | <p>▶ 確認您在建議充電環境溫度（15 °C 至 35 °C）為產品充電。</p> <p>▶ 這種情況表示出現充電錯誤。</p> <p>→ 如果這情況不斷發生，請聯絡本產品的購買店鋪。</p> |
| 本產品在使用中途停止運作或關機。 | <p>▶ 每個模式完成後，電源會自動關閉。</p> <p>▶ 為本產品充電。（請參閱第 54 頁。）</p> <p>▶ 當下列任一情況持續約 30 秒時，本產品將自動關機：您的手部離開離子感應板、離子感應頭離開皮膚或用戶未進行 EMS、離子或溫熱等級設定操作。</p> <p>▶ （當選擇了 CLEAN 模式、MOIST 模式或 BRIGHT UP 模式時）</p> <p>→ 再次開啟電源並選擇所需等級，將離子感應頭貼合皮膚使用本產品。</p> |

| 問題 | 解決辦法 |
|--------------------|---|
| 即使為本產品充滿電，只能使用數分鐘。 | <p>電池已到達使用壽命。(約3年)(請參閱第66頁。)</p> <p>▶ 請聯絡本產品的購買店舖。(客戶不能自行更換電池，否則可能導致故障。)</p> <p>確認您使用的是否指定的USB電源供應器或USB電源線。</p> <p>▶ → 請務必使用指定的電源供應器和電源線。</p> |
| 離子感應頭不發熱。 | <p>▶ 檢查溫熱等級設定為「關閉」。(請參閱第47頁。)</p> <p>▶ 確認您在建議使用環境溫度(15°C或以上)使用本產品。</p> |
| 離子感應頭不降溫。 | <p>▶ 確認您在建議使用環境溫度(15°C或以上)使用本產品。</p> <p>▶ 檢查COOL模式是否連續使用太長時間。</p> |

| 問題 | 解決辦法 |
|-------------------|--|
| 離子感應頭不震動。 | <p>▶ 在COOL模式下，離子感應頭不會震動。</p> <p>在MOIST模式或BRIGHT UP模式下，檢查EMS功能是否開啟。</p> <p>▶ EMS功能開啟時，離子感應頭不會震動。</p> |
| | <p>▶ 當您把機頭壓在皮膚時，確認您的手與離子感應板接觸良好。(請參閱第45頁。)</p> <p>▶ 檢查化妝棉是否使用擦拭型潔面乳或爽膚水充分浸濕(請使用充足的份量，使液體滲透到化妝棉的另一邊)。</p> |
| | <p>▶ 當離子感應頭或功率增強感應頭震動時，您會聽到操作噪音。(此為正常現象，並非設備故障)</p> |
| 使用時，本產品發出「咔嗒」的噪音。 | |

電池壽命

電池壽命為 3 年。本產品的電池並非消費者可自行更換的設計。請到授權的服務中心更換電池。

拆除內置充電電池

廢棄本產品之前，取出內置可充電式電池。

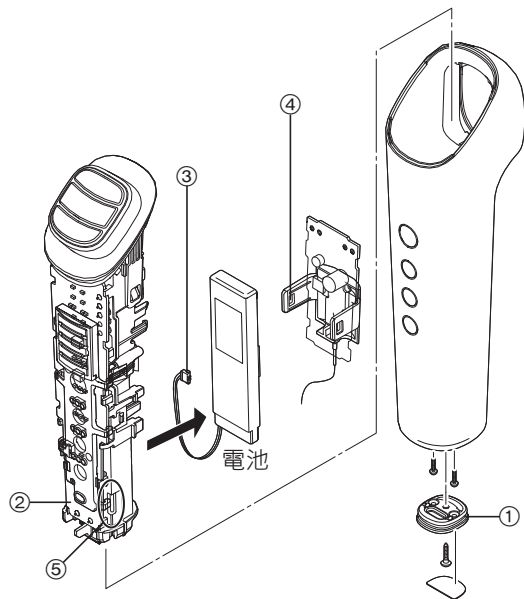
將電池安全棄置。

如您的國家 / 地區有指定認可棄置電池的地方，請確保將電池棄置於這些地方。

本圖只適用於棄置本產品，切勿使用本圖作維修之用。

如您自行拆解本產品，它將失去防水功能，可能會導致產品故障。

- 取出主體底部的密封物。
- 取下螺絲 (1 個) 並拿出 ①。
- 取下螺絲 (2 個)，將 ② 和動力增強按摩頭從外殼拿出。
- 斷開電池連接器 ③，解開 ④ 並取下電路。
- 將螺絲起子插入 ⑤ 之間，取下夾具，然後拿出電池。



環保及資源回收

本產品含有鋰離子電池。

如您的國家有指定認可棄置電池的地方，請確保將電池棄置於這些地方。

另購零件 (需另外購買)



USB 電源供應器
(ES-RU1-02)

規格

| | |
|--------------------|---|
| 適用供應器 (需另購) 額定輸出 | 5.0 V \equiv 1.0 A 符合安全特低電壓 (Safety Extra Low Voltage, SELV) 系統的要求 |
| 充電時間 | 約 3 小時 |

此產品只適於家居內使用。

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Panasonic Corporation
<https://www.panasonic.com>
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