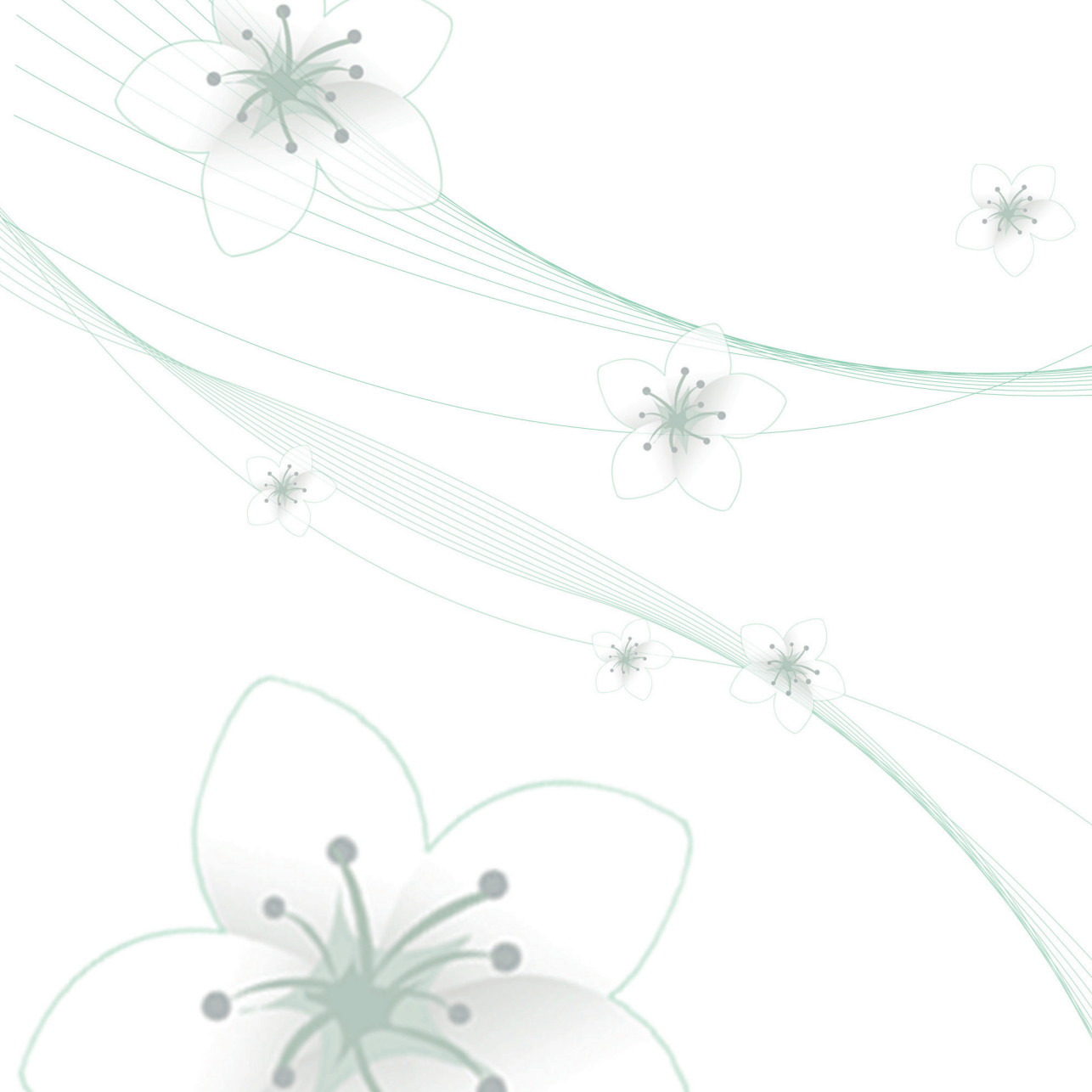




# merbe





PORTABLE SKIN CARE KIT

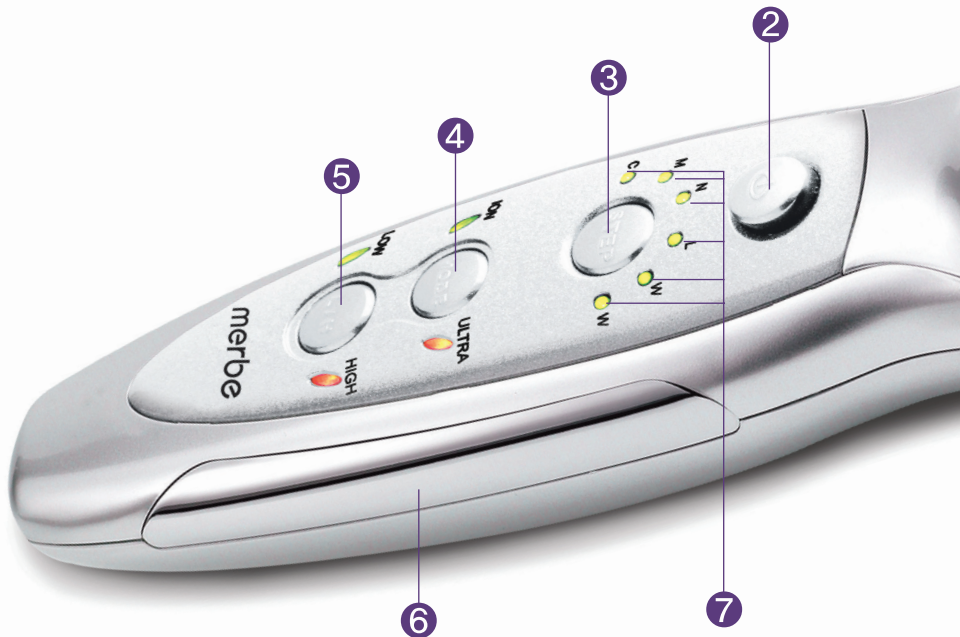


Your skin is very precious  
Take special care of it with Merbe!  
Look healthier and younger  
Have cleaner and clearer skin.



# Overview of Merbe

- ① ION ULTRA HEAD
- ②  POWER BUTTON
- ③  STEP(FUNCTION) BUTTON
- ④  MODE(ION/ULTRA) BUTTON
- ⑤  LOW/HIGH BUTTON
- ⑥ HAND ION CHIP
- ⑦ FUNCTIONS
  - C : Cleanse
  - M : Massage
  - N : Nutrition
  - L : Lifting(Tighten)
  - W : Whitening(Brighten)
  - W : Wrinkle Care



# HOW TO USE BUTTONS

You can select function by pressing the buttons.

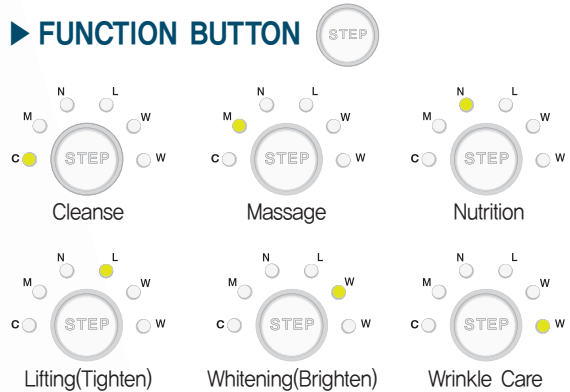


FUNCTION OPERATION LIGHT  
(REAR HEAD)

Blinking at Normal Operation

1

## ▶ FUNCTION BUTTON



## ▶ MODE BUTTON



## ▶ L/H BUTTON





1

CHARGE  
INDICATOR LIGHT

- MAIN BODY SPECIFICATION  
177(H)x49(W)x52(T)mm, approx. 194g  
Service Voltage DC3.7V, 2200mA

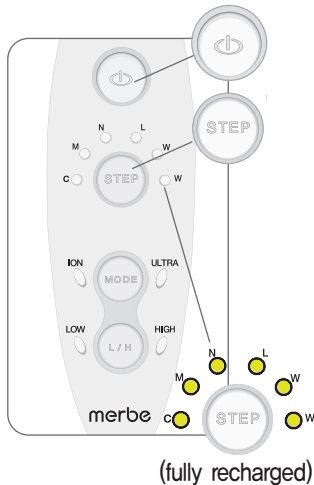
2

RECHARGER

- RECHARGER SPECIFICATION  
105(H)x81(W)x108(T)mm, approx. 133g  
Power AC 100~240V 50/60Hz

# Maintenance Guide and Recharging Merbe

## ■ How to Check the Remained Battery.



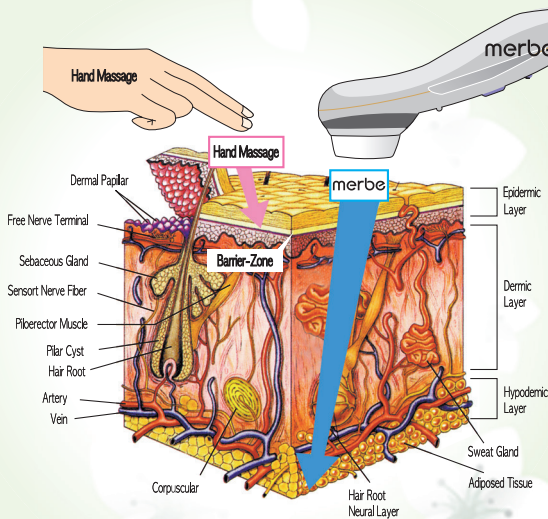
- Do not wash Merbe with water or store in damp places.
- Put the device on the recharger after switching-off and make sure the red light is on. The red light turns green when the charging process has been completed. In case of charging errors, the lighter will flash in red.
- If the battery is completely empty, charge for at least 3 hours before using the device again. The device is functional for approximately 3,5 hours when charged completely.
- **Activate Merbe and press and hold the STEP(function) button to indicate the charging status of the battery, Device is fully charged when all STEP(function) lights are on,**
- The device will switch-off automatically when not being used for 2 minutes.
- The preset application time for each step is 4 minutes. A signal tone sounds after 4 minutes and the device switches to the standby mode. The device will switch-off completely if not reactivated within 2 minutes.
- The nominal input voltage is 100–240V AC, meaning that you use the device while travelling everywhere around the world.
- Remove the power plug from the recharger as soon as the device has been charged completely.
- Always keep electrical contacts clean, free of dust and dry.

# Moisture

## Basic Facts about Skin

Your skin is made up of three levels: the **Epidermic layer**, the **Dermic layer** and the **Hypodermic layer**. The Barrier-Zone in the Epidermis protects your skin from the harmful effects of the environment, but can also prevent necessary nutrients from being absorbed.

**Merbe's** high end technology uses Galvanic Ion and Ultrasonic functions at the same time to reduce dead skin cells and sebum. It also increases the absorption of water soluble nutrients and oily nutrients deeper into the skin. With one million micro vibrations the Ultrasonic function helps to improve your skin, making it healthier and more beautiful.





# Refreshment

## Three Functions of Merbe

### ▶ Galvanic Ion

Galvanic Ion is a safely rectified current, Using both negative and positive ions it cleans and purifies pores and removes dead skin cells, It also transports valuable soluble substances deeper into the skin, keeping your skin young and healthy.

### ▶ Ultrasound

Ultrasound's one million soft vibrations per second help your skin to be toned and healthy.

### ▶ Dual Function(Ion+Ultrasound)

Dual function is an innovative skin care system, It offers a unique combination of iontophoresis and ultrasound (sonophoresis). It cleans and purifies pores and removes dead skin cells more efficiently and transports valuable soluble substances deeper and faster into your skin.

# Tightening

## **Merbe, a marvel of skin science gets the world's attention**

For a perfect solution and astonishing performance in skin care, Lotts Co., Ltd. produces Merbe based on years of research and development, Merbe is a wireless recharging skin care kit and performs dual functions using galvanic ions and ultrasound at the same time. Merbe was born with state of the art technology to fulfill the dreams of women all around the world desiring younger and healthier skin.

## **Clinical Tests**

Clinical tests show that when compared to hand massaging alone, the Merbe dramatically increases the number of nutrients and vitamins absorbed into the skin. Vitamins A & C, and Retinol penetrate deep into the epidermic and dermic layers, discharging sebum, keratin and other harmful waste. The science shows that the merbe adds nutrition to the skin, firms sagging skin, brightens the face and reduces wrinkles.

## **Skin Care Device Announced to the Academic Journals in US, UK and Japan**

The performance and effects of the clinical tests, were announced in major academic journals. The outstanding effects were reported twice in the SCI Journal, MOLECULAR STRUCTURE 2003 & 2005 in US, six times in Japan and once in UK, Lotts' technology was introduced in a total of nine academic journals specializing in skin care. Lotts' skin care device won the Innovation Prize and was selected as the Top 100 Innovators in Germany in 2009 and European Business award in 2010.

# Softness

## Please Read Before Use

- Remove all metal jewelry before use.
- Merbe operates only when in contact with skin.
- If you are treating another person with your Merbe, be sure to touch the other person with your free hand(make skin contact), in order to close the circle and ensure proper operation of Merbe.
- Select both ION and ULTRA mode(Dual Function) for more effective skin treatment.
- In case of very sensitive skin or sensitive areas around your eyes, gently lay Merbe on the area, Remain for 3 seconds and move to the next spot to treat.
- For Dry or Normal skin, use Merbe 3~4 times a week.
- For Sensitive skin, use Merbe 2~3 times a week depending on your skin condition.
- For Oily or Troubled skin, use Merbe 2~3 times a week on top of Hydrating or Vitamin C facial mask sheets.
- If you don't experience any irritation you can use it on a daily basis.
- Use only ULTRA mode on your Merbe for Body treatments.
- Use Merbe before bedtime for best results of skin regeneration.
- You might feel slight stinging or irritation when your skin is very dry. The stinging is a normal reaction caused by the ION function.
- To avoid and reduce irritation, set level to low and apply more gel or cosmetics.
- The Red LED light will flash on the back of Merbe showing that it is operating.
- Clean head with a damp/dry cloth after use.
- Stop using Merbe if you have the following symptoms and contact your dermatologist;  
Repetitive flushing, itchiness or pyogenic inflammation
- Do not use Merbe on children under age of 13.
- For allergic or diathesis skin types please talk with your doctor first prior to using this product.

# Users' Guide

## Normal/Dry Skin

※ What is Dual Function?

Ultrasound function simulates sweat glands and pores to penetrate ions more rapidly into skin.

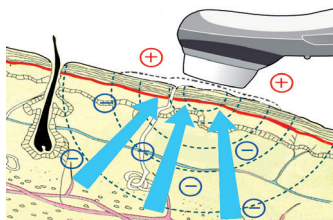
- Rub Continuously
- Remain for 3 seconds and move to the next spot.



### Step 1 – Cleanse (C) Step



1. Remove makeup and clean your face as usual.
2. Apply cleansing gel, lotion or cream evenly on face.
3. Start the Merbe by pressing the **POWER** button (⏻). Next press the **MODE** button to select the functional mode **ION** and **ULTRA**, until both control lights light up.
4. Press the **L/H** button to select the intensity.
5. Press the **STEP** button, until the control light **C (Cleanse)** lights up. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles. Treat once (4 minutes) and wipe off with steamed towel or wash face with water.

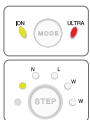


### Cleanse (C) Step

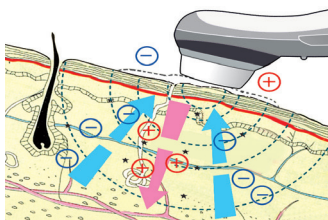
This level ensures clean and pure skin. The positive ion and ultrasonic function increases positive results. Keratin, sebum and other skin degradation products are simply dissolved and washed away after this treatment.



### Step 2 – Massage (M) Step



1. Apply massage gel, lotion or cream evenly on face.
2. Press the **STEP** button, until the control light **M (Massage)** lights up.
3. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles. Treat once (4 minutes) and wipe off with steamed towel or wash face with water.

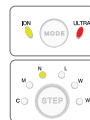


### Massage (M) Step

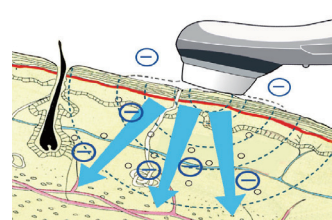
Just like a conventional massage, the Merbe massage brings back relaxation and elasticity to the skin. Negative and positive ions and ultrasonic waves activate the cell spaces and effectively stimulate the metabolism. Your skin beauty improves notably.



### Step 3 – Nutrition (N) Step



1. Apply your daily basis skin care program evenly on face by hand.
2. Press the **STEP** button, until the control light **N (Nutrition)** lights up.
3. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles.



### Nutrition (N) Step

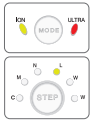
Your skin needs nutrition. The unique dual function strongly activates the cell spaces and thus guarantees to transport soluble agents deeper into the skin in a highly efficient way.

Tip 1 : After finishing the M (Massage) step, use skincare products specializing in Anti-wrinkle, Brightening and Tightening for steps N through W.

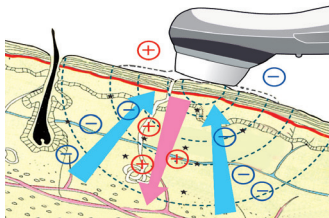
Tip 2 : Use on top of Hydrating or Vitamin C facial mask sheets during N (Nutrition)~W (Wrinkle Care) steps. After massage, apply your basic skin care products by hand.



### Step 4 – Lifting (L) Step



1. Do not wipe off the products on your face after N (Nutrition) step. Press the STEP button, until the control light L (Lifting) lights up.
2. Hold the device firmly on both sides, touching the Hand Ion Chip. Intensely massage in upward direction starting from the chin.



### Lifting (L) Step

The positive and negative ions with ultrasound activates the production of body elastin and collagen. Tightening and rejuvenation of the skin will make your skin become soft and elastic again.

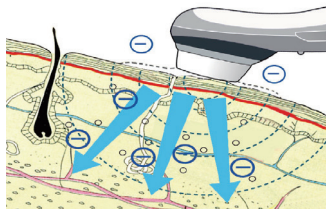


### Step 5 – Whitening (W) Step



1. Apply specialized skin care products (Vitamin C or Brightening ampoules) on face.
2. Press the STEP button, until the control light W (Whitening) lights up.
3. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles.

※ Concentrated treatment of this step is required on skin with pigments and freckles.



### Whitening (W) Step

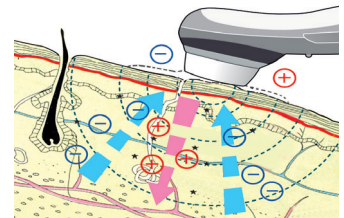
Negative ions and ultrasonic wave transports nutrients essential for brightening deep into the skin. For a targeted treatment of pigmentary abnormalities and age spots, Merbe enables you to experience a notable reduction of skin discolorations.



### Step 6 – Wrinkle Care (W) Step



1. Apply anti-age products on the spots to treat.
2. Press the STEP button, until the control light W (Wrinkle Care) lights up.
3. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly in the opposite direction of the wrinkle.



### Wrinkle care (W) Step

Positive and Negative Ions with ultrasonic wave produces more micro vibrations on wrinkle areas. By using with special wrinkle care products the visible effects of tightening and smoothing of crinkles and sagging skin muscles will be visibly reduced.

# Users' Guide

## Complex Skin

※ What is Dual Function?

Ultrasound function simulates sweat glands and pores to penetrate ions more rapidly into skin.

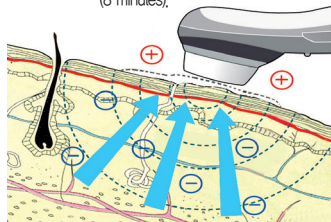
- Rub Continuously
- Remain for 3 seconds and move to the next spot.



### Step 1 - Cleanse (C) Step



1. Remove makeup and clean your face as usual.
2. Apply cleansing gel, lotion or cream evenly on face.
3. Start the Merbe by pressing the **POWER** button (⏻). Next press the **MODE** button to select the functional mode **ION** and **ULTRA**, until both control lights light up.
4. Press the **L/H** button to select the intensity.
5. Press the **STEP** button, until the control light **C (Cleanse)** lights up. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles. Use this step twice (8 minutes).



### Cleanse (C) Step

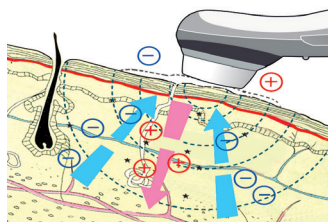
This level ensures clean and pure skin. The positive ion and ultrasonic function increases positive results. Keratin, sebum and other skin degradation products are simply dissolved and washed away after this treatment.



### Step 2 - Massage (M) Step



1. Apply massage gel, lotion or cream evenly on face.
2. Press the **STEP** button, until the control light **M (Massage)** lights up.
3. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles. Treat for once (4 minutes) and wipe off with steamed towel or wash face with water.
4. Apply Facial Lotion to tone skin.

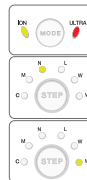


### Massage (M) Step

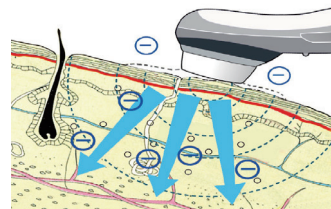
Just like a conventional massage, the Merbe massage brings back relaxation and elasticity to the skin. Negative and positive ions and ultrasonic waves activate the cell spaces and effectively stimulate the metabolism. Your skin beauty improves notably.



### Step 3 - Nutrition (N) Step ~ Step 6 - Wrinkle Care (W) Step



1. Apply Hydrating or Vitamin C facial mask sheet on face.
2. Press the **STEP** button, until the control light **N (Nutrition)** lights up.
3. Treat over facial mask sheet twice (8 minutes). Continue the following steps **L (Lifting)**, **W (Whitening)** and **W (Wrinkle Care)**. Peel the mask sheet off after the care is done. Use your daily basis cosmetic products to finish the treatment.
4. Use your daily basis cosmetic products to finish the treatment.



### Step 3 (N) ~ Step 6 (W) Step

Positive and Negative Ions with ultrasonic wave transports nutrient essentials in the facial mask sheet deep into the skin and hydrates the skin to become clearer and younger.

# Oily/Troubled Skin

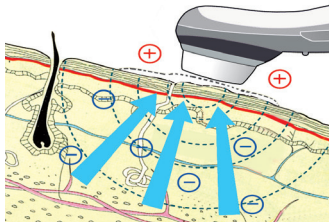
- Rub Continuously
- - - - - → Remain for 3 seconds and move to the next spot.



## Step 1 – Cleanse (C) Step



1. Remove makeup and clean your face as usual.
2. Apply cleansing gel, lotion or cream evenly on face.
3. Start the Merbe by pressing the **POWER** button (⏻). Next press the **MODE** button to select the functional mode **ION** and **ULTRA**, until both control lights light up.
4. Press the **L/H** button to select the intensity.
5. Press the **STEP** button, until the control light **C (Cleanse)** lights up. Hold the device firmly on both sides, touching the Hand Ion Chip. Next, lay the head on the skin area to be treated and move it softly over the skin in slow circles. Use this step three times (12 minutes) and wipe off with steamed towel or wash face with water.



## Cleanse (C) Step

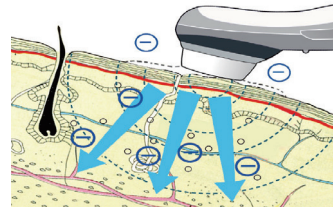
This level ensures clean and pure skin. The positive ion and ultrasonic function increases positive results. Keratin, sebum and other skin degradation products are simply dissolved and washed away after this treatment.



## Step 3 – Nutrition (N) Step ~ Step 6 – Wrinkle Care (W) Step



1. Apply Hydrating or Vitamin C facial mask sheet on face.
2. Press the **STEP** button, until the control light **N (Nutrition)** lights up. Treat over facial mask sheet twice (8 minutes).
3. Continue the following steps **L (Lifting)**, **W (Whitening)** and **W (Wrinkle Care)**. Peel the mask sheet off after the care is done.
4. Use your daily basis cosmetic products to finish the treatment.

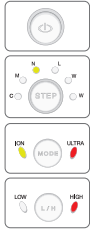


## Step 3 (N) ~ Step 6 (W) Step

Positive and Negative Ions with ultrasonic wave transports nutrient essentials in the facial mask sheet deep into the skin and hydrates the skin to become clearer and younger.

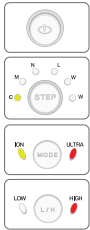
# Body Care

## [ Neck Care ]



- Apply neck cream or nutrition, tighten, brighten, wrinkle care product on the neck area.
- Start the Merbe by pressing the POWER button. Push the STEP button to select Nutrition(N) step. Next press the MODE button to select the functional mode ION and ULTRA, until both control lights light up. Press the L/H button and select the intensity to HIGH.
- Hold the device and massage in upward direction. ( ↑ ) ( ↘ ) ( ↙ ) Use Nutrition STEP(N) through Wrinkle care STEP(W).

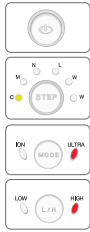
## [ Hand Wrinkle Care ]



- Apply massage gel on the back of your hands.
- Start the Merbe by pressing the POWER button. Use Cleanse(C) step and Massage(M) step. Use a wet towel to remove the remaining gel.
- Apply hand cream or nutrition cream and select Nutrition(N) step. Next press the MODE button to select the functional mode ION and ULTRA, until both control lights light up. Press the L/H button to select the intensity to HIGH.
- Use Nutrition STEP(N) through Wrinkle care STEP(W).



## Ultrasound for Body Care (Arms, Legs, Abdomen)



- Apply hydrating gel on the body part you want to massage.
- Start the Merbe by pressing the POWER button and select Cleanse(C) step. Next press the MODE button to select the functional mode ULTRA and press the L/H button to select the intensity to HIGH.
- Massage the body parts (Arms, Legs, Abdomen) with your Merbe. After the session is done take a shower or use a wet towel to remove the remaining gel. Apply body lotion afterwards.
- When you are using only Ultrasound(ULTRA) mode, you can select any step from C~W.

### Tips for Ultrasonic Body Care

- Merbe operates only during skin contact.
- If you are treating other persons with your Merbe, be sure to touch the other person with your free hand (skin contact), to close the circle and ensure a proper operation of Merbe.
- Use only Ultrasonic mode on body.
- Do not massage more than 20 minutes on one area.
- Let your body rest for at least 5 hours to use Merbe again.
- Apply enough gel to cover the body part so that the ultrasonic wave can work efficiently.
- Do not use on scars or any other wounded areas.
- Move in slow circles. It is not recommended to stop at any one area.
- Do not use ULTRA mode on abdomen during pregnancy.

## Merbe With Advanced Technology and Reliability

### **Merbe's technology is credited and patented around the world!**

Merbe is a specialized skin care device with the most advanced technology, recognized by world famous scientific journals for its proven excellence and has acquired various quality marks from domestic and international institutions guarantying quality assurance and customer satisfaction.

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Tel: 82-2-565-7500 FAX: 82-2-561-1472 Customer Service: 82-2-565-8787  
www.lotts.co.kr E-mail: lotts@lotts.co.kr

# Lotts Certifications & Patents



- Patent No. 10-0479622
- Patent No. 10-0500100
- Patent No. 10-0500911
- Patent No. 10-0507453
- Patent No. 10-1169675
- China Patent ZL. 2003 8 010348.6
- China Patent ZL. 2003 8 010349.0
- Japan Patent No. 4359593
- Japan Patent No. 4431536
- United States Patent No. US 7,922,675 B2
- United States Patent No. US 8,591,437 B1
- United States Patent No. US 8,585,619 B2
- Europe Patent No. 2477453

- Clinical tests on effects of Ion Induction & Ion Deduction, Ultrasound and Dual Effect of Ion & Ultrasound performed by Hiroshima Prefectural University, Japan
- Clinical tests on effects of Ion Induction & Ion Deduction, Ultrasound and Dual Effect of Ion & Ultrasound performed by Meisei University, Japan
- Clinical tests performed by Hallym University Kangdong Sungsim Hospital, 2008 (IOLA)
- Clinical tests performed by Hanyang University Guri Hospital Department of Dermatology, 2008 (IOLA)
- Clinical tests performed by Se-Myung University, Clinical Trial Center for Bio-industry
- ISO 9001:2008 Acquired
- Infrared ray test completed (Korea institute of Construction Materials)
- 100 million Liability Insurance (PL Insurance of Korea Federation of Small & Medium Business)
- Selected as Excellent Industrial Design Product

- 2002, FRAGRANCE Journal (Japan-2Times)
- 2003, FRAGRANCE Journal (Japan)
- 2003, Skin Protection and Biotechnology (Japan)
- 2003, ICAVS-2 (UK)
- 2003, MOLECULAR STRUCTURE (US)
- 2004, How to Become Young-Reality (Japan)
- 2005, MOLECULAR STRUCTURE (US)
- 2005, Beauty and Skin Science Journal (Japan)
- 2009, Won Innovation Prize in Germany (Merbe)
- 2009, Selected as the Top 100 Innovator in Germany (Merbe)
- 2010, European Business Award in EU27 countries (Merbe)
- 2013, Awarded as The Korea Representative Best Enterprise Accreditation



UL Mark



Mark for Hygiene and  
Quality Hygiene

HS Mark  
Korea Environment &  
Merchandise Testing  
Institute guarantees  
the product passed the  
strict inspection for  
the safety and allows  
the liability insurance policy.



CE Mark



RoHS Mark



FCC Mark



KC (Korea Certification) Mark