

SONICWAVE

User's Manual

SONICWAVE
Dual Frequency Ultrasound Technology



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1. Product Introduction

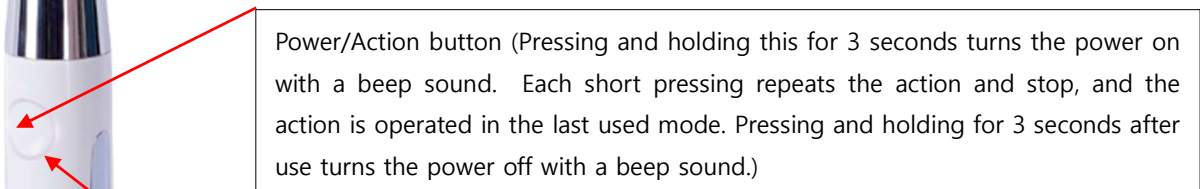
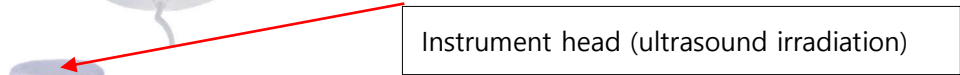
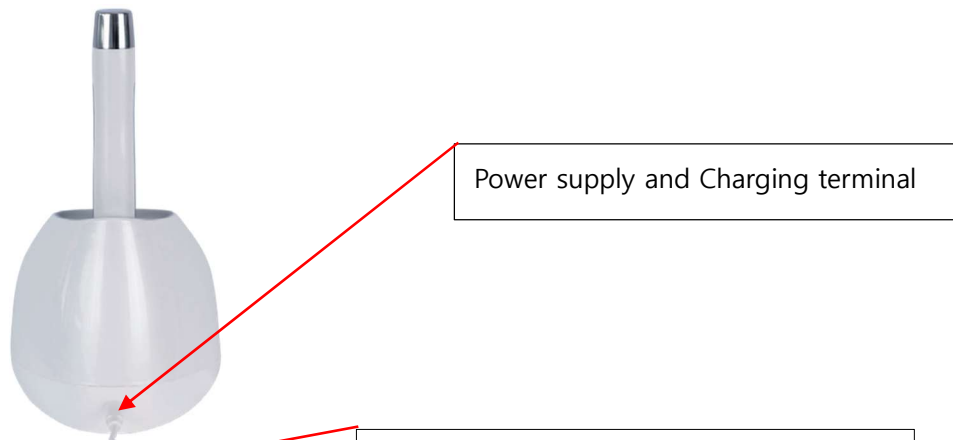
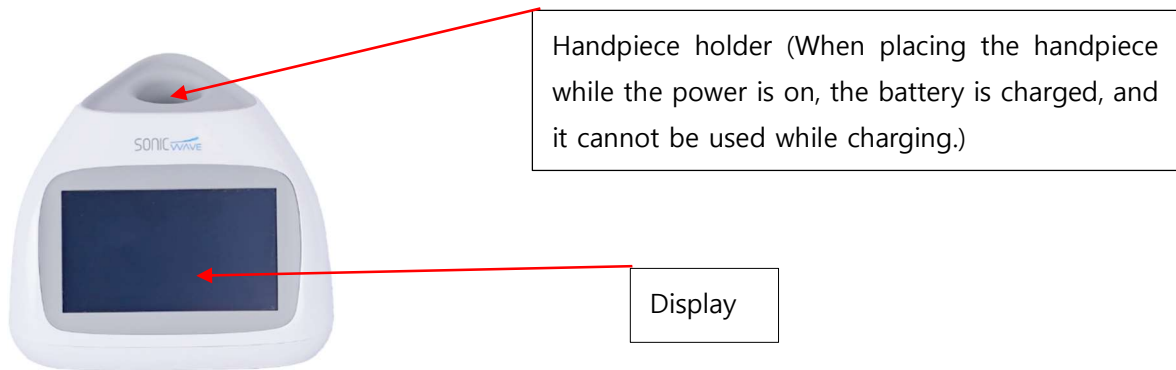
1.1 Product features

SONICWAVE uses frequencies of 3 MHz and 10 MHz. It generates and moisturizes the skin by using a single frequency with Single-frequency (3 Mhz or 10 Mhz) and Dual-frequency (3 MHz and 10 Mhz) ultrasound technology or cross-outputting those two frequencies in a time-division method and increasing the skin's moisture and regenerative ability of the skin barrier. It may help the skin by absorbing ionized drugs when using Iontophoresis.

1.2 Product composition

	
[Main unit]	[Handpiece]
	
[USB Cable and Charger (DC5V, 2A)]	[Portable stand]

1.3 Product appearance and parts names



<LED status light (see table below)>

Status	Charging	Charging Completed	Insufficient Battery	Standby	In Use	Disconnected
Color	Red (blinking)	Green	Red	Blue	Green (blinking)	Yellow
Note	When the handpiece is placed in the main body or the portable stand, the battery charges		When the LCD display on the main body shows 0 bars left for the battery charge, insufficient battery is displayed	Standby before the device is used	When the device is being used	When the connection is lost between the main body and the handpiece (Operates normally after the handpiece is turned off and turned on again. If it still does not work, contact the manufacturer.)

2. How to use the product

2.1 Power supply

2.1.1 When the charger is connected to the main unit, power will be on, and the home screen will be displayed.

(There is no power button.)



[Connect charger]

SONIC WAVE
Dual Frequency Ultrasound Technology



[Home screen]

2.1.2 Pressing and holding the power button on the handpiece for 3 seconds turns its power on and displays a blue LED. (It's not operated while placed on the stand.)



- When the main unit is off, it operates in the last used mode. Clicking once switches to START, double-clicking switches to Pause from START, and re-clicking switches to STOP.

2.2 Operations on treatment screen

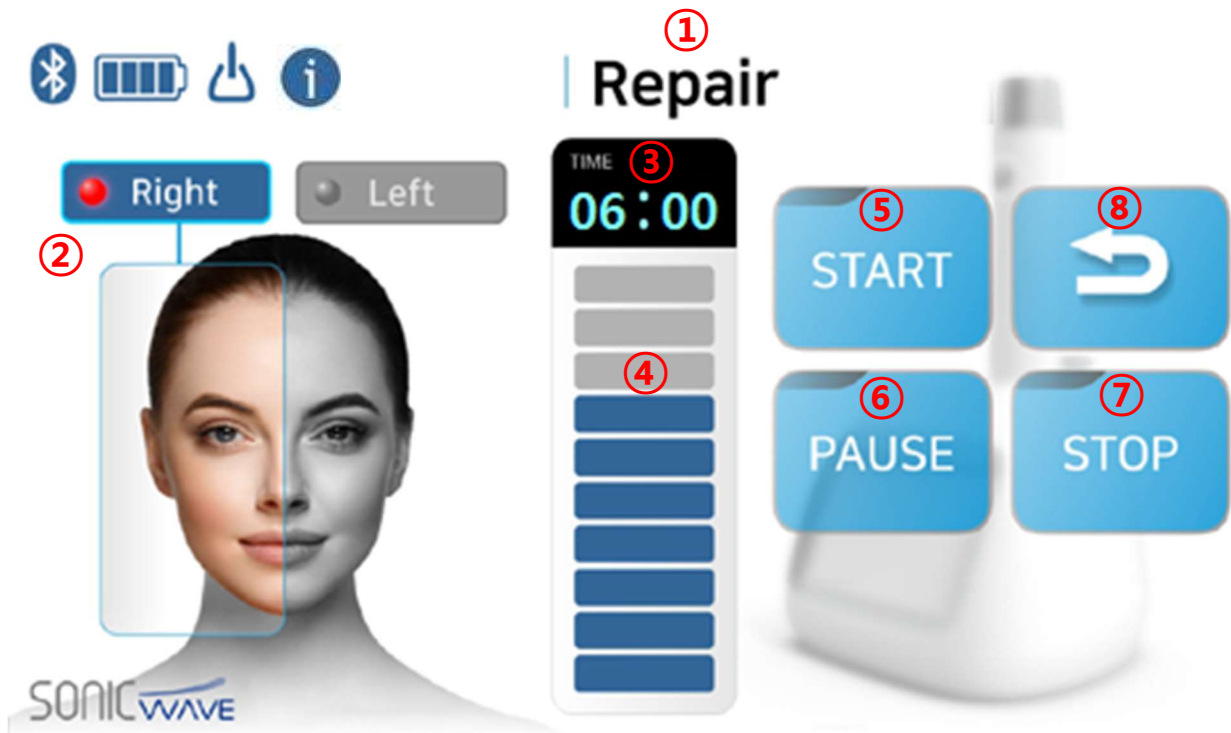
2.2.1 Home screen in power-on [Main screen]



- ① Repair
 - Skin regeneration treatment (used to improve wrinkles and skin aging)
- ② Cosmetic
 - Used to absorb drugs that are beneficial to the skin
- ③ Soothing
 - Skin soothing and moisturizing treatment (used to improve skin problems such as atopy and erythema)
- ④ Anti-Aging
 - Anti-aging treatment (for skin surface elasticity and skin moisturizing)
- ⑤ Face UP
 - Effect on the elasticity of inner skin and fascia layers, wrinkle improvement, and lifting
- ⑥ Tightening
 - Effect on the elasticity of outer skin and inner skin and lifting
- ⑦ Bluetooth
 - The icon is activated when connecting to Bluetooth
- ⑧ Handpiece battery level
 - Check the current remaining handpiece battery level
- ⑨ Handpiece location
 - Check if the handpiece is placed on the main unit or not
- ⑩ Iontophoresis
 - The icon is activated if switching Iontophoresis use ON on the Setting menu

- Ultrasound and Iontophoresis are emitted simultaneously when using Iontophoresis

2.2.2 Treatment screen



- ① It displays the treatment names according to the treatment selected on the main screen.
 - (Repair, Cosmetic, Soothing, Anti-Aging, Face UP, and Tightening)
- ② Displaying treatment area (left and right face)
 - To display the treatment area, the treatment area image is divided in half, and the right side is started from the translucent status. (You cannot arbitrarily select the treatment area on the screen.)
- ③ Display treatment time
 - The set time is decreased in a 1-second interval when the treatment.
- ④ Treatment time gauge
 - The entire treatment time is divided into ten and decreases by one bar in a constant time ratio.
- ⑤ START button
 - To start the treatment by pressing it.
- ⑥ PAUSE button
 - To pause during the treatment by pressing it. (Stop the treatment and the treatment time - Resume the treatment, and the time flows normally by pressing the START button.)
- ⑦ STOP button
 - To end the treatment and initialize the treatment time.
- ⑧ Return to the previous screen
 - To return to the main screen.

2.3 Details of each treatment mode

1. Repair

- Treatment time: 6 min
- Treatment area: Face
- Treatment interval: Once a day recommended

Frequency MHz	Mode	Level	Time	Treatment direction
10 MHz	cont	2	1 min	Left
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	2 min	Left
10 MHz	cont	2	1 min	Right
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	2 min	Right

- Treatment process: The treatment for the area shown on the screen progresses first, and then the other side of the face is treated when the alarm rings after 3 minutes. (Left ⇒ Right)
- Treatment information: The treatment should be done evenly over a large area and can be used with retinoids.

2. Cosmetic

- Treatment time: 6 min
- Treatment area: Face
- Treatment interval: As required.

Frequency MHz	Mode	Level	Time	Treatment direction
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 4	1 min	Left
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 4	2 min	Left
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 4	1 min	Right
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 4	2 min	Right

- Treatment process: The other side of the face is treated when the alarm rings after 3 minutes. (Left ⇒ Right)
- Treatment information
 - a. The treatment should be done evenly over a large area.
 - b. It can be applied to the face or neck as an aesthetic treatment.

c. The drug must be used at the doctor's choice, and it has nothing to do with polarity.

3. Soothing

- Treatment time: 6 min
- Treatment area: Face
- Treatment interval: Once a day recommended

Frequency MHz	Mode	Level	Time	Treatment direction
10 MHz	1:2 (5 mS/5 mS)	2	1 min	Left
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	2 min	Left
10 MHz	1:2 (5 mS/5 mS)	2	1 min	Right
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	2 min	Right

- Treatment process: The other side of the face is treated when the alarm rings after 3 minutes. (Left ⇒ Right)
- Treatment information: Maintenance of the treatment can be progressed at any time if necessary.

4. Anti-Aging

- Treatment time: 6 min
- Treatment area: Face, neck
- Treatment interval: Once a day recommended

Frequency MHz	Mode	Level	Time	Treatment direction
10 MHz	1:2 (5 ms/5 ms)	2	1 min	Left
3/10 MHz	5 ms/5 ms	3 MHz → 2 10 MHz → 2	2 min	Left
10 MHz	1:2 (5 ms/5 ms)	2	1 min	Right
3/10 MHz	5 ms/5 ms	3 MHz → 2 10 MHz → 2	2 min	Right

- Treatment process: The other side of the face is treated when the alarm rings after 3 minutes. (Left ⇒ Right)
- Treatment information: It should be applied to a larger area than the treatment area with no swelling in heat.

It should not be exposed to sunlight for a specific time after the treatment.

5. Face UP

- Treatment time: 6 min
- Treatment area: Face
- Treatment interval: Once a day recommended

Frequency MHz	Mode	Level	Time	Treatment direction
3/10 MHz	10 ms	3 MHz → 5 10 MHz → 5	1 min	Left
3/10 MHz	1 ms	3 MHz → 5 10 MHz → 5	2 min	Left
3/10 MHz	10 ms	3 MHz → 5 10 MHz → 5	1 min	Right
3/10 MHz	1 ms	3 MHz → 5 10 MHz → 5	2 min	Right

- Treatment process: The other side of the face is treated when the alarm rings after 3 minutes. (Left ⇒ Right)
- Treatment information: It should be applied to a larger area than the treatment area, and there may be some swelling or redness on the face after treatment.

In the case of a smoker or being exposed to sunlight, it results worse than the opposite cases and requires more intensive treatments and more frequent treatments.

6. Tightening

- Treatment time: 6 min
- Treatment area: Face
- Treatment interval: Once a day recommended

Frequency MHz	Mode	Level	Time	Treatment direction
10 MHz	Cont	4	1 min	Left
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 5	1 min	Left
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 5	1 min	Left
10 MHz	Cont	4	1 min	Right
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 5	1 min	Right
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 5	1 min	Right

- Treatment process: The other side of the face is treated when the alarm rings after 3 minutes. (Left ⇒ Right)
- Treatment information: It should be applied to a larger area than the treatment area. It should be applied several times during a session until a soft swelling in heat occurs on the face's surface.

3. Professional Mode

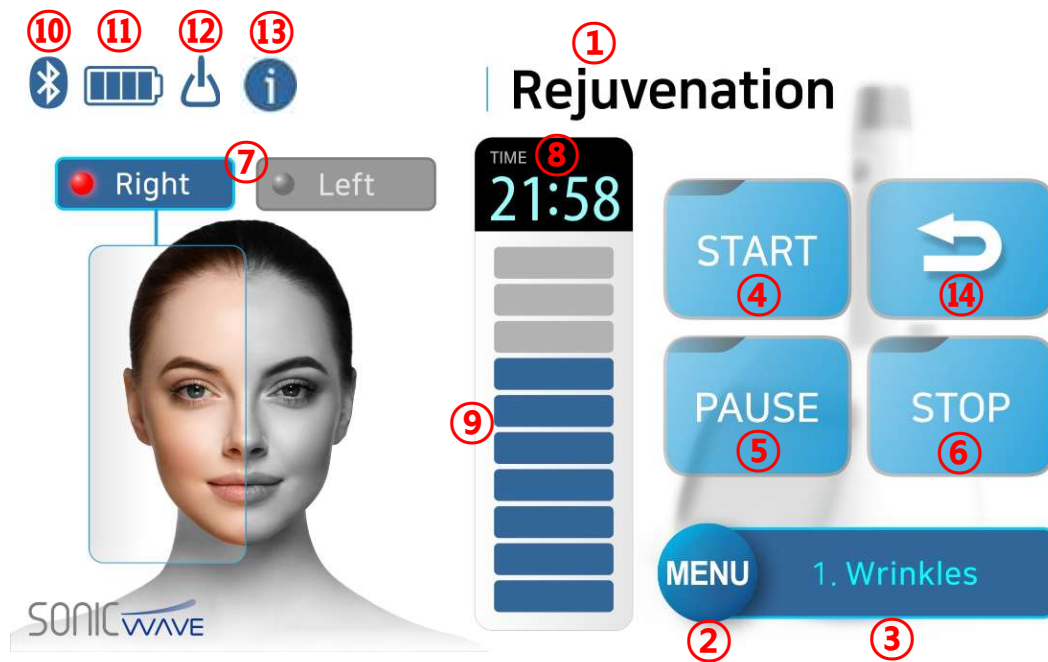
3.1 Operations of treatment screen on professional mode

3.1.1 Home screen in power-on [Main screen]



- ① Rejuvenation
 - Skin regeneration treatment (used to improve wrinkles and skin aging)
- ② Cosmetic
 - Used to absorb drugs that are beneficial to the skin using ultrasound.
- ③ Soothing
 - Skin soothing and moisturizing treatment (used to improve skin problems such as atopy).
- ④ Individual
 - Individuals can set up and use frequency, treatment time, output interval, and output power.
- ⑤ Iontophoresis
 - Used to absorb drugs that are ionized (-) to the skin.
(In Iontophoresis mode, ultrasound is not emitted but only Iontophoresis.)
- ⑥ Setting
 - Once for the first time when replacing and repairing the handpiece, when synchronizing Bluetooth, or when adding Iontophoresis to ultrasound to use.

3.1.2 Common screens for Rejuvenation, Cosmetic, and Soothing



- ① It displays the treatment names according to the treatment selected on the main screen. (Rejuvenation, Cosmetic, Soothing, Individual, and Iontophoresis)
- ② Button for selecting detailed treatment (MENU)
 - To select specific treatment types according to the symptoms.
 - (See MENU from **3.2 Treatment Method** below for details of each treatment type and method on MENU.)
- ③ To display the detailed treatment name selected in the MENU.
- ④ Treatment START button
 - Treatment is started when clicking it after selecting MENU to use.
- ⑤ PAUSE button
 - It is paused when clicking it during the treatment.
 - (Stop the treatment and the treatment time - Resume the treatment, and the time flows normally by pressing the START button.)
- ⑥ Treatment STOP button
 - To end the treatment and initialize the treatment time.
- ⑦ To display treatment area (left and right face).
 - To display the treatment area, the treatment area image is divided in half, and the right side is started from the translucent status. (You cannot arbitrarily select the treatment area on the screen.)
- ⑧ Display remaining treatment time
 - It decreases at 1-second intervals from the set time during the treatment.
 - Treatment time varies according to each detailed treatment type of MENU (cannot be

- set arbitrarily).
- ⑨ Treatment time gauge
 - The entire treatment time is divided into ten and decreases by one bar in a constant time ratio.
 - ⑩ Bluetooth
 - Icon is activated when connected via Bluetooth.
 - ⑪ Handpiece battery level
 - To check the current remaining handpiece battery level.
 - ⑫ Handpiece location
 - To check if the handpiece is placed on the main unit or not.
 - ⑬ Iontophoresis
 - The icon is activated if switching Iontophoresis use ON on the Setting menu.
 - Ultrasound and Iontophoresis are emitted simultaneously when using Iontophoresis.
 - ⑭ Return to the previous screen
 - To return to the main screen.

3.2 Treatment methods and details

A. Select the details MENU of Rejuvenation

- Skin regeneration treatment (used to improve wrinkles and skin aging).



A-1. Wrinkles (fine wrinkles)

- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: 8-10 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	Cont	5	3	Left
3/10 MHz	3 ms/7 ms	3 MHz→ 5 10 MHz → 5	3	Left
10 MHz	Cont	5	3	Right
3/10 MHz	3 ms/7 ms	3 MHz→ 5 10 MHz → 5	3	Right

- Treatment process: The treatment for the area shown on the screen progresses first, and then the other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
- Treatment information: This program is applied to fine wrinkles. It is used to improve skin texture as well as treat deep wrinkles. A larger area than the treatment area should be treated and can be used with retinoids.

A-2. Folds (fold wrinkles)

- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: 8-10 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	Cont	5	3	Left
3/10 MHz	3 ms/7 ms	3 MHz→ 5 10 MHz → 5	3	Left
10 MHz	Cont	5	3	Right
3/10 MHz	3 ms/7 ms	3 MHz→ 5 10 MHz → 5	3	Right

- Treatment process: The treatment for the area shown on the screen progresses first, and then the other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
 - Treatment information: A larger area than the treatment area must be treated. Problematic areas should be treated a little bit more.
- (Smile lines) Wrinkle treatment should not be performed on areas with bones and can be used with retinoids.

A-3. Connective Tissue Lift (Lifting)

- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: 8-10 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
3/10 MHz	10 ms	3 MHz → 5 10 MHz → 5	3	Left
3/10 MHz	1 ms	3 MHz → 5 10 MHz → 5	3	Left
3/10 MHz	10 ms	3 MHz → 5 10 MHz → 5	3	Right
3/10 MHz	1 ms	3 MHz → 5 10 MHz → 5	3	Right

• Treatment process: The treatment for the area shown on the screen progresses first, and then the other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)

• Treatment information

a. The treatment should be applied uniformly to the entire face.

b. There may be some swelling or redness on the face after treatment.

c. For the areas with a narrow distance from the outer layer of skin, such as the forehead, to the bone, it requires a higher number of treatments at a relatively lower power.

d. Patients who smoke or are exposed to sunlight show worse outcomes than those who do not and require more intensive treatment and more frequent treatment.

(We recommend treatment set in Individual Mode with high power.)

A-4. Skin Tightening (Facial tightening)

• Treatment time: 12 minutes

• Treatment area: Face

• Number of treatments: 8-10 times

• Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	Cont	4	3	Left
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 5	2	Left
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 5	1	Left
10 MHz	Cont	4	3	Right
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 5	2	Right
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 5	1	Right

- Treatment process: The other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
- Treatment information: A larger area than the treatment area must be treated. It should be applied several times during a session until a soft swelling in heat occurs on the face's surface. For the maintenance of treatment, if necessary, it can be treated every 2-3 months.

A-5. Skin Rejuvenation

- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: 8-10 times
- Treatment interval: 2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	cont	2	3	Left
3/10 MHz	3 ms/7 ms	3 MHz→ 2 10 MHz → 2	3	Left
10 MHz	cont	2	3	Right
3/10 MHz	3 ms/7 ms	3 MHz→ 2 10 MHz → 2	3	Right

- Treatment process: The other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
- Treatment information
 - a. Main application point: Skin treatment for skin showing signs of aging, such as skin laxity.
 - b. The treatment should be applied uniformly to the entire face.
 - c. There may be some swelling or redness on the face after treatment.
 - d. For the areas with a narrow distance from the outer layer of skin, such as the forehead, to the bone, it requires a higher number of treatments at a relatively lower power.
 - e. Patients who smoke or are exposed to sunlight show worse outcomes than those who do not and require more intensive treatment and more frequent
(We recommend treatment set in Individual Mode with high power.)
 - f. Vitamin A, C, or hyaluronic acid can be used together to improve results further.
 - g. Treatment can be combined with peeling, skin tightening (RF), or skin regeneration treatments.

A-6. Anti Aging

- Treatment time: 12 minutes
- Treatment area: Face, neck
- Number of treatments: 8-10 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	1:2 (5 ms/5 ms)	2	3	Left
3/10 MHz	5 ms/5 ms	3 MHz → 2 10 MHz → 2	3	Left
10 MHz	1:2 (5 ms/5 ms)	2	3	Right
3/10 MHz	5 ms/5 ms	3 MHz → 2 10 MHz → 2	3	Right

- Treatment process: The other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
- **Treatment information:** It should be applied to a larger area than the treatment area with no swelling in heat.

Treatment can be maintained every 2-3 months if necessary, and should not be exposed to sunlight during 2-4 treatments.

B. COSMETIC

- Used to absorb drugs that are beneficial to the skin using ultrasound.

B-1. Sonophoresis face

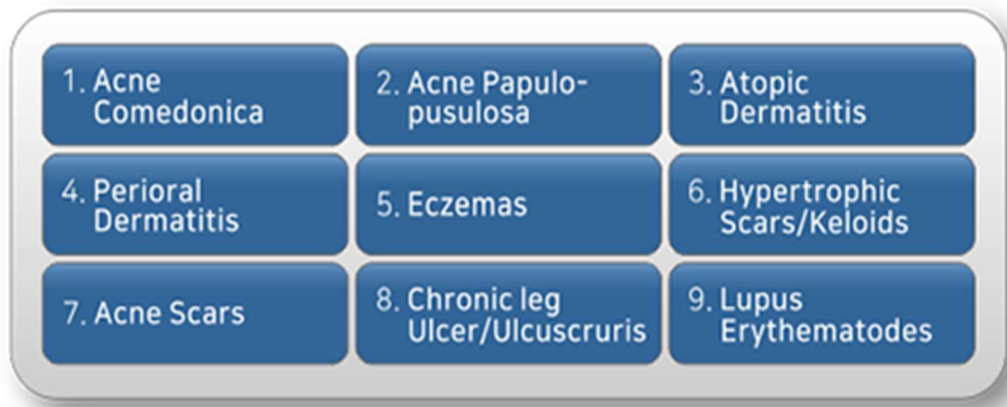
- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: As required
- Treatment interval: As required.

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 4	3	Left
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 4	3	Left
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 4	3	Right
3/10 MHz	1 ms/1 ms	3 MHz → 4 10 MHz → 4	3	Right

- Treatment process: The other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
- Treatment information
 - a. The treatment should be done evenly over a large area.
 - b. It can be applied to the face or neck as an aesthetic treatment.
 - c. The drug must be used at the doctor's choice, and it has nothing to do with polarity.

C. Select the detailed MENU of SOOTHING

- Skin soothing and moisturizing treatment (used to improve skin problems such as atopy).



C-1. Acne Comedonica

- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: 8-12 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	1:2 (5 mS/5 mS)	2	3	Left
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 4	3	Left
10 MHz	1:2 (5 mS/5 mS)	2	3	Right
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 4	3	Right

- Treatment process: The other side of the face is treated when the alarm rings after 6 minutes. (Left ⇒ Right)
- Treatment information: Maintenance of treatment can be performed after 1-3 months if necessary.

C-2. Acne Papulopustulosa

- Treatment time: 12 minutes
- Treatment area: Face, etc.
- Number of treatments: 8-12 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)	Treatment direction
10 MHz	1:2	2	3	Left
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 4	3	Left
10 MHz	1:2	2	3	Right
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 4	3	Right

...

- Treatment process: The other side of the face is treated when the first alarm rings after 6 minutes. (Left ⇒ Right)
- Treatment information: If maintenance of treatment is necessary, it can be performed after 1-3 months. It must be used after extrusion. Do not perform this treatment with other treatments, which result in synergistic effects of MMPs. Treating with a 72-hour cycle will effectively increase the synergistic effect of HSP.

C-3. Atopic Dermatitis

- Treatment time: 7 minutes
- Treatment area: Face
- Number of treatments: 4-8 times
- Treatment interval: Once a week or twice a week

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	1:10	2	2
10 MHz	1:2	2	2
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	3

- When applying the treatment on a large area, restart it or set it to Individual Mode.
- Treatment information: Maintenance of treatment can be performed as needed. It is effective if treated in cycles.

C-4. Perioral Dermatitis

- Treatment time: 6 minutes
- Treatment area: Face
- Number of treatments: 4-8 times
- Treatment interval: Once a week or twice a week

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	1:5 (2 mS/8 mS)	2	3
10 MHz	1:2 (5 mS/5 mS)	2	3

When applying the treatment on a large area, restart it or set it to Individual Mode.

- Treatment information: Maintenance of treatment can be performed as needed.

C-5. Eczemas

- Treatment time: 6 minutes
- Treatment area: Face, etc.
- Number of treatments: 4-8 times
- Treatment interval: Once a week or twice a week

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	cont	2	3
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	3

- When applying the treatment on a large area, restart it or set it to Individual Mode.
- Treatment information: Maintenance of treatment can be performed as needed.

C-6. Hypertrophic scars/Keloids

- Treatment time: 7 minutes
- Treatment area: Scar
- Number of treatments: 6-8 times
- Treatment interval: Once a week

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	1:2 (5 mS/5 mS)	5	2
10 MHz	cont	4	2
10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 7	3

- Treatment process: When applying the treatment on a large area, restart it or set it to Individual Mode.
- Treatment information: Maintenance of treatment can be performed as needed. (The effect of this treatment is shown after 6 months.)

C-7. Acne scars

- Treatment time: 16 minutes
- Treatment area: Face, etc.
- Number of treatments: 6-8 times
- Treatment interval: Once a week or once every two weeks

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	1:2 (5 mS/5 mS)	4	6
10 MHz	cont	4	4
3/10 MHz	3 ms/7 ms	3 MHz → 4 10 MHz → 4	6

- When applying the treatment on a large area, restart it or set it to Individual Mode.
- Treatment information: Maintenance of treatment can be performed as needed. Treatment will be effective in combination with an MTS or RF needle.

C-8. Chronic leg Ulcer/ulcus cruris

- Treatment time: 6 minutes
- Treatment area: Application area
- Number of treatments: 4-10 times
- Treatment interval: 1-2 times a week

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	1:2 (5 mS/5 mS)	2	3
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	3

- Treatment process: Treat the entire area. (If it is a large treatment area, including a scar area, or an area with multiple lesions, the treatment is performed several times. In the case of treating in Individual Mode, the treatment is performed by setting it to 3/10 MHz, matching the treatment time.)
- Treatment information: Maintenance of treatment can be performed at any time if necessary. (For severe scars, you can use a separate wound protection film. Contact the place you purchased.)

C-9. Lupus Erythematoses

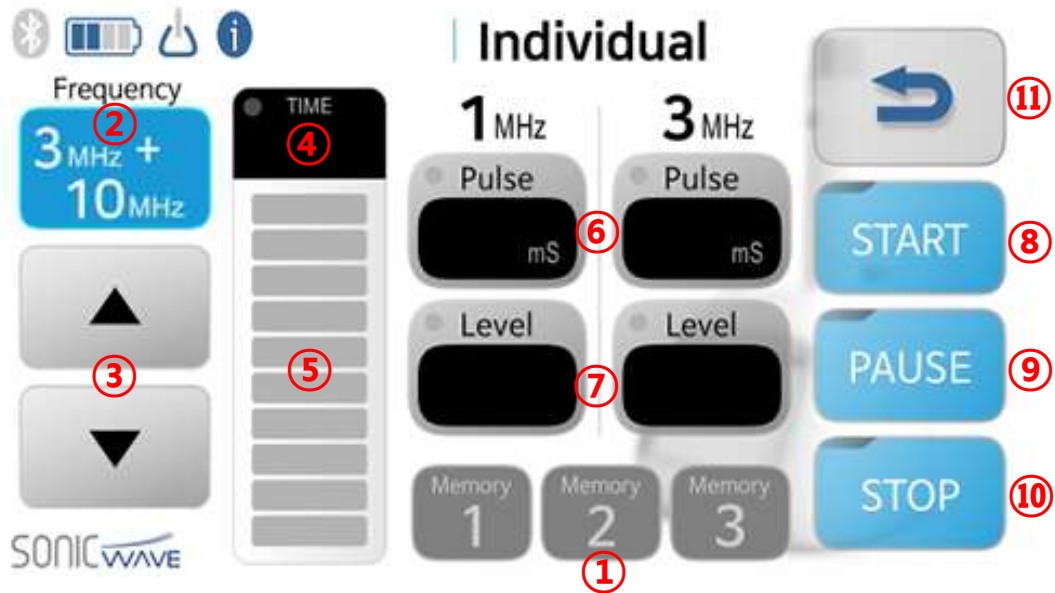
- Treatment time: 12 minutes
- Treatment area: Face
- Number of treatments: 8-10 times
- Treatment interval: Once a week or once every two weeks

Frequency MHz	Mode	Level	Time (minutes)
10 MHz	1:2 (5 mS/5 mS)	2	6
3/10 MHz	3 ms/7 ms	3 MHz → 2 10 MHz → 2	6

- Treatment process: When applying the treatment on a large area, restart it or set it to Individual Mode.
- Treatment information: Maintenance of treatment can be performed at any time if necessary.

D. Select Individual

- Individual users can set and use frequency, treatment time, output interval, and output power.



① Memory button for set value

- To save the set value displayed on the current screen in each memory, press each memory button for 1 second. / To load all saved values in memory to the screen, touch it shortly.

② Output frequency selection button

You can select each frequency value every time you press the frequency button.

[Single] Select 3 MHz or 10 MHz, [Dual] 3+10 MHz

③ Up/Down button

Touch the buttons for TIME, Pulse, and Level separately, and control the values for the items that their icons are activated (see the figure below) with the Up/Down button.



[Deactivated]



[Activated]

④ Display remaining treatment time

- The set time is decreased in a 1-second interval when the treatment.

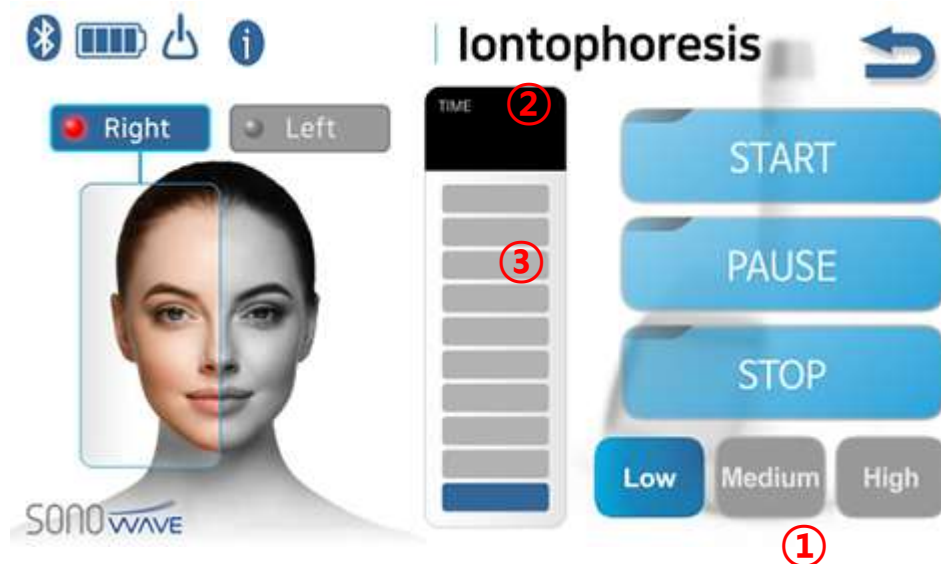
- Can be set in 1-minute intervals.

- ⑤ Treatment time gauge
 - The entire treatment time is divided into ten and decreases by one bar in a constant time ratio.
- ⑥ Set the output time of Dual frequency
 - For dual frequency, set the output time of the frequency (increased/decreased in 1 mS - 20 mS / 1 mS unit).
- ⑦ Set the output power of Dual-frequency
 - For dual frequency, set the output power of the frequency (increased/decreased in 1-10 steps / 1 unit).
- ⑧ Treatment START button
 - Treatment is started when clicking it after selecting MENU program to use.
- ⑨ PAUSE button
 - It is paused when clicking it during the treatment. (Treatment time stops.)
- ⑩ STOP button
 - To end the treatment and initialize the treatment time.
- ⑪ Go to the previous screen
 - Return to the main screen

E. Select Iontophoresis (See * below)

- Used to absorb drugs that are ionized to the skin.

(In Iontophoresis mode, ultrasound is not emitted but only Iontophoresis.)



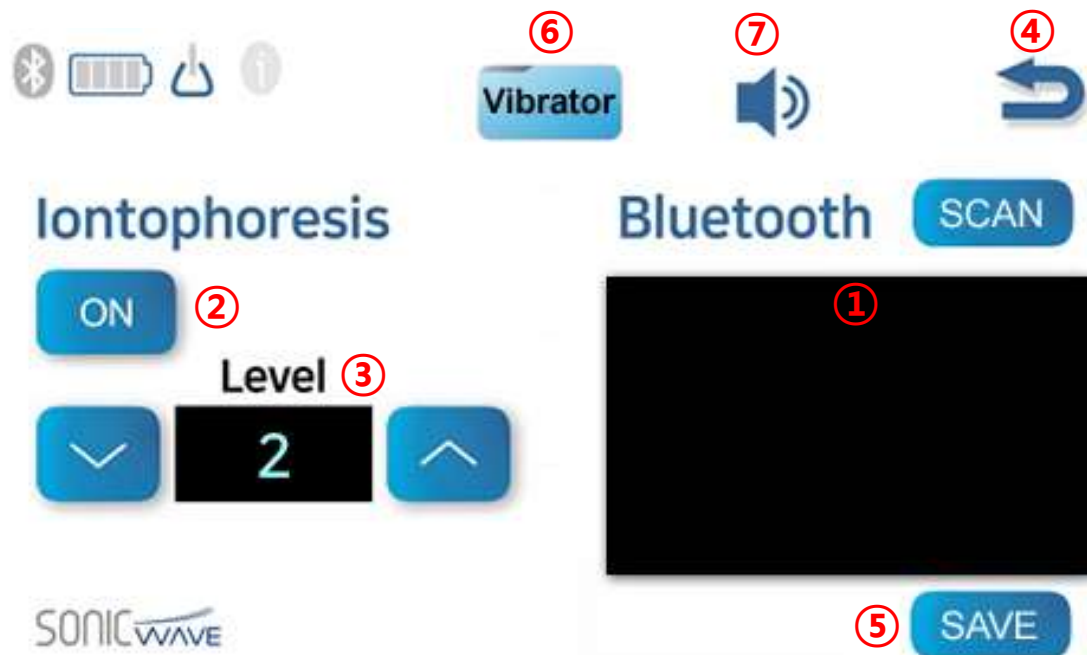
- ① Iontophoresis power button
 - Three levels (Low, Medium, High) can be adjusted.
- ② Treatment use time

- In Iontophoresis mode, the time used is displayed as counting.

③ Treatment time gauge

- 20 minutes of treatment time is recommended, and one gauge is increased every 2 minutes. (Click the START button again if you use it for over 20 minutes.)

F. Select Setting

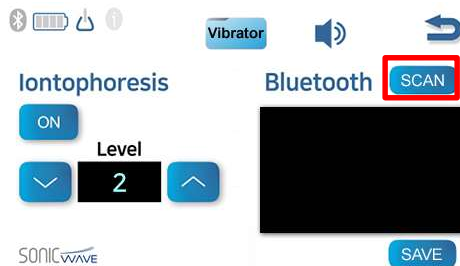


- ① A window for Bluetooth pairing between the main unit and handpiece
 - Run when Bluetooth synchronization between the main unit and the handpiece is not working.
- ② Iontophoresis enabled
 - When using ultrasound and Iontophoresis features simultaneously when using treatment MENU.
- ③ Set the Iontophoresis output power
 - 1-3 Levels can be set.
- ④ Go to the previous screen
 - To return to the main screen.
- ⑤ SAVE button
 - To save set values.
- ⑥ Handpiece vibration on/off button
 - When setting the vibration, turn the handpiece power off and then on to apply it.
- ⑦ Sound on/off button

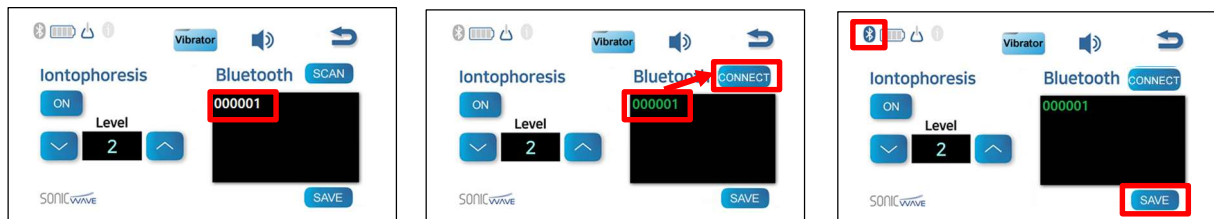
F-1. How to synchronize the handpiece with the main unit via Bluetooth

Run when Bluetooth synchronization between the main unit and handpiece doesn't work. (It will be automatically synchronized after the first synchronization.)

- ① Click the Setting button on the Professional mode after powering the main unit on.
- ② After powering the handpiece on, make the Bluetooth in waiting for connection status and then click Bluetooth SCAN.



- ③ When the unique number of the handpiece is displayed on the synchronization window 5-10 seconds after clicking SCAN, click the unique number and then click the CONNECT button to change the color from white to green. Check if the Bluetooth is activated on the top left of the screen, and click the SAVE button to complete synchronization.



F-2. Use Iontophoresis (see * below)

Click the Setting button in the Professional mode and then click Iontophoresis ON. When connecting, activate the i icon on the top left and then click the SAVE button to save it. (If operating it after Iontophoresis activation, the ultrasound and Iontophoresis will be output simultaneously and provide excellent effect for drug absorption.)



 * Reference

E. Iontophoresis Menu	F-2. When turning Iontophoresis ON in Setting
If you set the power level to Low, Medium, or High in the Iontophoresis menu and then operate it, only Iontophoresis will be applied.	If you adjust the Iontophoresis Level in the settings, activate the "ON" button, and then save it via the SAVE button, Iontophoresis will be applied together with the ultrasound output.

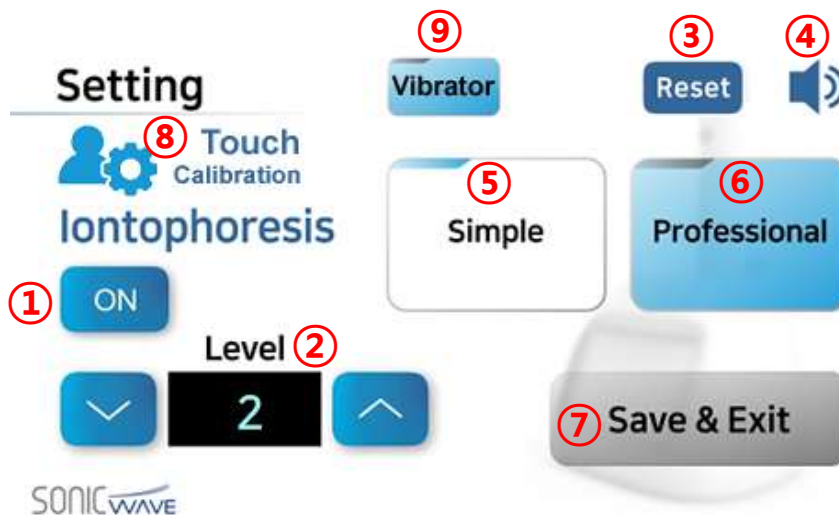
4. Mode switching and Setting methods

1. To enter the setting mode



- To go to the settings mode screen, touch the SONICWAVE logo 4 times on the home screen (beep sound).
- If clicking is difficult, use the tip of your finger (fingernail), swab, or pen to click it.

2. Setting methods



- ① Iontophoresis on/off button
 - ON is for when using ultrasound and Iontophoresis features simultaneously and OFF is for when using ultrasound only.
- ② Iontophoresis output power setting
 - 1-3 Levels can be set.
- ③ Reset button

- To convert to the initial setting.
- ④ Sound on/off button
- ⑤ Simple mode button
- If you select Simple mode, the product's initial screen starts in Simple mode (It is provided in Simple mode as default).
- ⑥ Professional mode button
- If you select Professional mode, the product's initial screen starts in Professional mode.
- ⑦ Save & Exit
- To save the selected mode and restart it (It starts in Professional or Simple mode).
- ⑧ Touch calibration.
- If you click it, a point is created on the white screen. Press the center area of the point gently with the tip of your finger, swab, or pen. (Total 15 points)
- ⑨ Handpiece vibration on/off button
- When setting the vibration, turn the handpiece power off and then on to apply it.

5. Specifications

Items		Description
Electrical ratings		DC 5V 2A (USB-C type)
Main unit	Size	145 mm (W) x 133 mm (L) x 118 mm (H)
	Weight	437g
Handpiece	Size	212 mm (W) x 28 mm (L) x 28 mm (H)
	Weight	145g
Portable stand	Size	76 mm (W) x 76 mm (L) x 86 mm (H)
	Weight	66g
Frequency		Single 3 MHz, 10 MHz
		Dual 3/10 MHz (cross irradiation)
		Iontophoresis 1 KHz to 10 KHz Variable Frequency
Battery		Li-Ion 2,600 mA
Power consumption		8 W max.
Charge time		Approx. 3 hours

6. Precautions for Use



**The precautions below are essential for safety,
so be sure to read and acknowledge them before using.**

- ▶ Be cautious of any damage caused by dropping or external shocks of the product when using or storing it.
- ▶ Using other components that are parts or consumables not provided or specified by SONICWAVE may cause safety and performance degradation of the instrument, so you must use specified components only.
- ▶ Check if there is a contaminant or foreign material in the handpiece, and then remove it with a soft cloth and alcohol.
- ▶ Before the treatment, you must have preparative use to ensure a stable treatment.
- ▶ When reusing, disinfect the skin contact area with alcohol.
- ▶ Be especially careful when moving the instrument because there is a possibility of damage to it by any minor shock.
- ▶ Do not use it with other medical instruments at the same time. (This may cause malfunction or danger to the patient.)
- ▶ If you discover any failure on the instrument, stop using it and switch off it immediately.
- ▶ When using this instrument, there may be different types of skin irritation depending on the individual skin condition.
- ▶ Follow the product recommendation cycles. We are not responsible for any side effects caused by this.

- ▶ If you use the product while its head stops, it may cause burns. You must use it while rubbing it.
- ▶ It is not waterproof. Do not use it during face washing or bathing.
- ▶ Do not use the product for any purpose other than that described in this user manual.
- ▶ Do not use the product in a place where the temperature is too high, too low, or where there is a lot of dust.
- ▶ When using it, keep a distance from other electrical appliances, and do not use multiple plugs in an electrical outlet.
- ▶ Do not place heavy objects, water, or beverages on top of the product.
- ▶ Do not pull the power cord or the adapter or touch it with wet hands. This may result in fire or electric shock.
- ▶ People who have had treatment or surgery lately from a specialized medical institution must use this product after consulting with a specialist.

7. Storage Precautions

- ▶ Wipe off any gel or cosmetics solution immediately after use.
- ▶ Remove the charger from the main unit and store them when not used for a long time.
- ▶ If the product is not used for more than a month, it is recommended to charge the battery to 2-3 bars and store it.
- ▶ Be careful not to damage the instrument by falling it on the floor.
- ▶ Store the product in a place that avoids direct sunlight, dust, chemicals, and gases.
- ▶ Store the product in a place free from corrosive gases and moisture.
- ▶ Store the product in a place that children cannot reach.
- ▶ Store the product, being cautious of slope, vibration, and shock.
- ▶ Store the product in a place that avoids below 10 °C and above 50 °C.

8. FAQ

Q: The power is not on.

- The battery might be dead. Please charge it.
- Please check if the adaptor cable is connected correctly.
- Please replace it with another charger and connect it.

(If you still have the same problem, please contact the vendor or manufacturer.)

Q: The product is not charged.

- Please check if the product is correctly placed on the handpiece, the main unit, or the charging stand.
- Please try to charge with another charger.

(If you still have the same problem, please contact the vendor or manufacturer.)

Q: What is the full charge time, and how long can I use the product fully charged?

- It takes about 2-3 hours from discharged status to full charge, and it can be used continuously for more than 1 hour when fully charged. (This is subject to the use mode.)

Q: What should I do in the case of machine failure or damage?

- For failure that occurs during normal use within the warranty period, we provide a repair service for free. But, if it is caused by the user's negligence or the warranty

period has expired, it can be repaired by charge. For more information, please refer to the warranty.

Q: Who is SONIC WAVE good for?

- It is recommended for people who don't want cosmetic procedures due to dry skin with no elasticity, chronic inflammatory skin, or sensitive skin or who want to turn their aged face into a youth face.

Q: Screen clicking doesn't work correctly.

- If clicking is difficult, please use the tip of your finger (fingernail), swab, or pen to click it.

(If calibration doesn't solve the problem, please contact the vendor or manufacturer.)

Q: How long is the recovery period after the treatment?

- There is hardly any pain, redness, and swelling, so it won't affect your daily life.

Q: What is the treatment time and cycle?

- The simple mode is recommended once a day except for Cosmetic, and Cosmetic can be used when cosmetics absorption is required.

Q: Is there any other function besides Simple mode?

- Professional mode is provided in addition to Simple mode.

The Professional mode is intended for more professional treatment. Please scan the QR code on our website or in the user manual to acknowledge the manual before using it.

9. Warranty

1. This product has been produced through a rigorous quality control and inspection process.
2. In case of failure under normal use within the warranty period, we will repair it free of charge according to the terms of this warranty statement.
3. Please check the table of this warranty at the time of purchase. If you want A/S, please present this warranty to benefit from the warranty.
 - The free repair is available for one year from the date of purchase.
 - This warranty is non-transferable and is only available to purchase customers.
 - If there is a problem during use, please check the user manual and contact us in case of failure.
 - Warranty exceptions
 - Accidents caused by consumer's negligence on use or mishandling, or exposure to moisture
(Product moving, drop, shock, damage, excessive motion, etc.)
 - Normal abrasion and minor defects that do not affect use
 - Failure caused by not complying with the items specified in the user manual

Warranty

Product name				
Model name				
Date of purchase		(Month) (Day) (Year)	Warranty period	(Month) (Day) (Year)
Store	Store name		Tel.	
	Address			
Customer	Name		Tel.	
	Address			