

3 Using the Product

3.1 To use Ultrasonic

Check whether the product is charged fully and Ultrasonic cartridge is connected. Refer to the article 2.3 for more details how to change the cartridge.

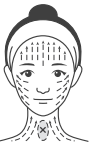
- 1 Wash your face and wipe off moisture thoroughly.
- 2 Apply the provided **Gel** to the target area.
- 3 Press the **Power(●)** button 2 ~ 3 seconds to turn the product on and then LED window shows the Ultrasonic mode.

- If you don't use it for 3 minutes, the product will be turned off automatically.

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Recommended directions.

Areas	Directions
Neck line, cheeks, chin	<ul style="list-style-type: none">• Do not use near lips and around Adam's apple where the thyroid gland is located.• Massage the target region from bottom to top or from inside to outside.
Forehead	<ul style="list-style-type: none">• Massage the target region from bottom to top.
Vicinity of eyes	<ul style="list-style-type: none">• Massage the target region from bottom to top or from inside to outside.



Higher output level, higher burning sensation. If you feel excessive heat when using, adjust the level down. Otherwise, it may cause a skin burn or rash.

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Symptoms	Causes & Solutions
When the LED window shows follows	<ul style="list-style-type: none">• Cartridge connection error.• After removing the cartridge from the main body, put it into again.• If there is any foreign material between the main body and cartridge, use a dry towel to wipe.
Not in the list	<ul style="list-style-type: none">• If you have any problems not in the list, immediately stop using the product.• For technical service, please contact a distributor.

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- 4 Press the **Power(●)** button to adjust the output level (1 ~ 3) after turning on the product.
- 5 Keep pressing the **SHOT(■)** button to use the Ultrasonic and keep moving the product. While using the Ultrasonic, you can see the number of remain shots through the LED window. It is possible to use over 100,000 shots.

- Do not irradiate shots continuously in the same region .

- 6 After using, press the **Power(●)** button for 2 ~ 3 seconds to turn the product off.
- 7 After the treatment is over, remove the gel with wet cotton or pat your face softly to make it absorbed into the skin. And wipe off the gel remaining on the cartridge with wet or dry towel.

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Recommended Treatment

For Cheeks

Cartridge	Output Level	Total shots (full)
Ultrasonic 4.5mm (optional)	2~3 level	300~400 shots
Ultrasonic 3.0mm	2~3 level	300~400 shots

For Forehead & around Eyes

Cartridge	Output Level	Total time
RF	2~3 level	5~10 min.

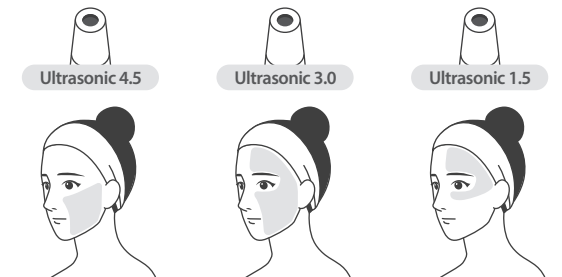
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Item	Specification
Rated	DC 5V --- 2A
Power consumption	10W
Size (W x D x H)	Main unit 50 X 60 X 205 (mm) Cradle 90 X 90 X 85 (mm)
Weight	Main unit 300 g Cradle 160 g
Conditions	Transport and storage Condition -20 ~ 50°C, 10 ~ 80% (Ultrasonic Cartridge : 0 ~ 50°C) Operation Condition 10 ~ 40°C, 10 ~ 80%

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Various Treatments by individual cartridges

Since DUOLIF has 4 cartridges (3 of Ultrasonic and 1 of RF), it is recommended to use properly according to its purpose for better results.



- 3.0mm cartridge is provided basically. 1.5mm and 4.5mm cartridges are options.

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Recommended Treatment for 1 Month

Ultrasonic Treatment
Every 4 days

MON	TUE	WED	THU	FRI	SAT	SUN
Ultrasonic	RF	RF	RF	Ultrasonic	RF	RF
RF	Ultrasonic	RF	RF	RF	Ultrasonic	RF
RF	RF	Ultrasonic	RF	RF	RF	Ultrasonic
RF	RF	RF	Ultrasonic	RF	RF	RF

RF Treatment
Between Ultrasonic Treatments

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Item	Specification
Recommended using time after full charging	For each mode : about 30 minutes or 3 times treatments. * Using time can be various according to the battery status, ambient temperature and usage conditions.
Full charging time	Within 6 hours * Charging time can be various according to the remaining capacity of the battery, ambient temperature or charging conditions.

* Design and specifications are subject to change without notice.

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Recommended directions.

Areas	Directions
Neck line, cheeks, chin	<ul style="list-style-type: none">• Do not irradiate a shot at a region near lips.• Irradiate shots starting from the inner area of your face then proceed to the outer area.
Forehead	<ul style="list-style-type: none">• Irradiate shots from bottom to top or from inside to outside.
Vicinity of eyes	<ul style="list-style-type: none">• Irradiate shots starting from the inner area closer to the eyes then proceed to the outer area.

- Adjust the output level properly depending on the pain.

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4 Product storage and maintenance

4.1 Cleaning Method

- Before cleaning the product, make sure turn off the product and unplug the USB cable.
- Be careful not to drop or exposed the product to the shock while cleaning to avoid malfunctions or shorter lifespan.
- Use a soft wet towel to wipe off gel, dust, or other foreign material stained on the cartridge and then use a dry towel to wipe before storage.
- Gently wipe off the main body and charging cradle to prevent the product from liquid entering into.
- Do not use alcohol, benzene, thinner, or other solvents to clean the device. There is risk of damage to the product.
- Do not prick the gaps in the product with sharp metal object such as keys, hairpins, necklaces, or nail.
- If you rub the product hard, it may damage the product.

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Item	Specification
Recommended using time after full charging	For each mode : about 30 minutes or 3 times treatments. * Using time can be various according to the battery status, ambient temperature and usage conditions.
Full charging time	Within 6 hours * Charging time can be various according to the remaining capacity of the battery, ambient temperature or charging conditions.

* Design and specifications are subject to change without notice.

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Need to tilt the device 20~160 degrees to fill the cartridges completely with water since there is some empty space inside.

Then make the device close to your skin thoroughly before use.

Probable side effects

If any of the following symptoms is experienced and does not disappear in two or three days, please see the doctor.

- Treatment region may cause blushing. Blushing usually disappears in 48 hours.
- Treatment region may swell temporarily.
- Slight pain may be experienced temporarily during use.
- Treatment region may suffer a slight bruise during use. Bruises will disappear in two to three days.

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4.2 Storage Method

- Store the product in indoor at room temperature with good ventilation.
- After using, turn off the main body and unplug the USB cable to store.
- Avoid a location exposed to direct sunlight.
- Do not store the device in a location with excessive temperature fluctuations or high temperature and humidity.
- After use, return the cartridge and other components to the original positions before storing the product.
- Do not bend or pull cable tightly while storing the product.
- After using, clean the product and store it in dry state.
- Store the device in a location that cannot be reached by children.
- The ultrasonic cartridge contains liquid inside. Store it at room temperature(0°C to 50°C) to avoid the freezing liquid.
- Be careful and ensure that the cartridge or the main body does not fall on the floor. It can damage the product.
- If the product has not been used for a long time, make sure to check that the product is working properly before use to ensure safety.

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5. Should I use it after peeling off the black film from the Ultrasonic cartridge? No. Never peel the black film off. Without the film, the Ultrasonic energy doesn't come out.

6. After using DUOLIF, I have acne-like problems on my face. Is it okay? Occasionally, this happens to people with heat-sensitive skin, even though there is no problem with the product and energy level. So stop to use until the symptoms disappeared. Or see the doctors.

7. When using RF cartridges, do you need to rub quickly? In some cases, rubbing too slowly can cause the skin to become hot. Also, when you feel a lot of heat, do speed up the rubbing to reduce the pain. It is recommended to find the proper level and rubbing speed that suits you.

3.2 To use RF

Check whether the product is charged fully and RF cartridge is connected. Refer to the article 2.3 for more details how to change the cartridge.

- 1 Wash your face and wipe off moisture thoroughly.
- 2 Apply the provided **Gel** to the target area.
- 3 Press the **Power(●)** button 2 ~ 3 seconds to turn the product on and then LED window shows the RF mode.

- If you don't use it for 3 minutes, the product will be turned off automatically.

- 4 Press the **Power(●)** button to adjust the output level (1 ~ 3) after turning on the product.

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5 Trouble shooting

If you have some problems in use, check the follows first.

Symptoms	Causes & Solutions
The product does not turn on after the power(●) button is pressed	<ul style="list-style-type: none">• Make sure that you have pressed the on/off button properly.• Charge the main body according to the instructions in this User Manual.
Battery is not charged	<ul style="list-style-type: none">• Check if the battery status LED on the USB cable lights up.• Check the connection between the charging cradle and adapter.• Place the main body in the charging cradle properly.• If the charging cradle is stained with foreign material, use a dry towel to wipe off.

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Warranty

Product Name	DUOLIF	Model Name	HIN-7MB, HIN-WLC
Serial Number			
Warranty	1 year after purchase, Ultrasonic Cartridge 100,000 SHOT		
Date of Purchase	Purchase Site		

MEDICOSON Co., Ltd. provides Warranty Period (here after "Period") from the date of purchased. Be sure to fill the required fields after purchasing the product. The warranty for the product is covered as follows.

When the product is used for business purposes or in an abnormal environment, the period is applied in half.

Warranty is available only for manufacturing defects. So please read the manual carefully.

Parts used for repair may be parts of other manufacturers and may not be new parts. But they work normally and parts that are functionally equivalent.

This warranty is not reissued so be careful not to lose it.

In the case of supply under a separate contract, the warranty details are applied according to the contract.

Matters excluded in warranty service in warranty period

Warranty will be voided under the following conditions, and MEDICOSON Co., Ltd. reserves the right to refuse providing service and can charge customers for any costs of services :

- The malfunction or physical injury caused by forces of nature or by applying the wrong voltage or product breakage caused by dropping or impact or by putting foreign materials into the product or by using non-genuine parts and consumables.

- 5 Make sure the cartridge surface is completely contacted with the target area and press the **SHOT(■)** button shortly to hear the beep sounds. LED window shows the RF mode and treatment time.
- 6 Wait 2~3 seconds to feel the heat then start to rub to making small circles from the inner region to the outer. If you feel excessive heat, press the **SHOT(■)** button to stop the treatment and adjust the output level by pressing the **Power(●)** button.
- 7 After using, press the **SHOT(■)** button to stop the operation.
- 8 When you finished all treatment, press the **Power(●)** button 2 ~ 3 seconds to turn the product off.
- 9 After the treatment is over, remove the gel with wet cotton or pat your face softly to make it absorbed into the skin. And wipe off the gel remaining on the cartridge with wet or dry towel.

Symptoms	Causes & Solutions
Cartridge doesn't work	<ul style="list-style-type: none">• If the Ultrasonic cartridge is in use, check that the number of irradiated shots is not above "100,000."• Check that the main body and cartridge are correctly connected.• If there is any foreign material between the main body and cartridge, use a dry towel to wipe off.• The main body does not work during charging. Pick the main body up from the charging cradle to use.
Temperature of product rises during use	<ul style="list-style-type: none">• If you feel the product is much hotter than your body temperature, then stop to use and contact the distributor.

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<ul style="list-style-type: none">• The appearance damage and deformation by organic solvents.• The malfunction or physical injury or loss or damage of accessories by disassembling or repairing or modifying by unauthorized person.• The malfunctions or physical injury caused by not keeping the "Safety information" in the User Manual.• The malfunctions or physical injury caused by using product in the other area. (Recommended areas are neckline, cheek, chin, forehead, vicinity of eyes)• The malfunctions or physical injury caused by insufficient applying of gel to the target area.• The malfunctions or physical injury caused by non-compliance with the user's manual or outdoor using, or using and storage beyond the scope of common standards.• The malfunctions or physical injury caused by other customer's negligence.	MEDICOSON Co., Ltd. #704, Medical Device Complex Center, 200, Gieopdosi-ro, Jijeong-myeon, Wonju-si, Gangwon-do, Korea (26354) MEDICOSON www.medicoson.com
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