



Anti-aging

Firm skin

● Customer Satisfaction ● Customer Impressions & Feelings ● Customer Happiness

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- | | |
|--|---|
| <input checked="" type="checkbox"/> Face lifting | <input checked="" type="checkbox"/> Non-surgical |
| <input checked="" type="checkbox"/> Face rejuvenation | <input checked="" type="checkbox"/> Non invasive |
| <input checked="" type="checkbox"/> Skin aging | <input checked="" type="checkbox"/> No recovery time |
| <input checked="" type="checkbox"/> Body skin tightening | <input checked="" type="checkbox"/> Immediate effects |
| <input checked="" type="checkbox"/> Contour shaping | <input checked="" type="checkbox"/> More precise and safe treatment |



Management based on respect &
Value creation for customers

BE&BI Tech pursues the happiness of all customers as its top priority.

BE&BI is an abbreviation of Best Electronic technology and Best Innovation technology, meaning that our corporation's wish is to become a professional medical machine manufacturer with strong convictions for the future, based on state-of-the-art electronic and innovative medical technology. BE&BI Tech focuses on fusion therapy systems, application systems, skin care and treatment systems. We are continuously developing new product innovations, through developing an exclusive advanced generic technology. BE&BI Tech will continue to strive to develop new technologies for the health of humankind, and to offer our customers even greater satisfaction.



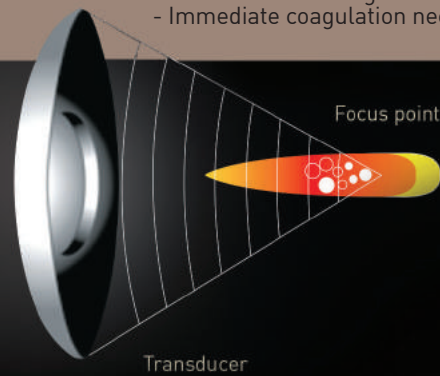
심(心) **Heart** | Filled with warmth and enthusiasm
기(氣) **Energy** | Filled with ambition and energy
정(情) **Attachment** | Growing together with customers

● Customer Satisfaction ● Customer Impressions & Feelings ● Customer Happiness

UCOS-HIFU

High Intensity Focused Ultrasound principles

- Thermal effect: fast temperature rise above 60°C
- Mechanical effect: generation and collapse of gas bubbles, ruptures cell walls
- Immediate coagulation necrosis followed by fibrosis



High Intensity Focused Ultrasound effect

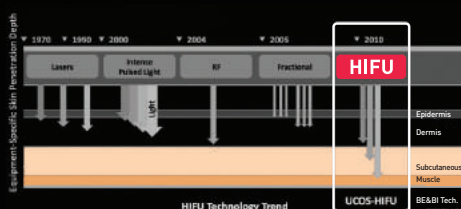
This technology has the advantage of removing wrinkles and lifting the skin without performing a direct surgical operation on the skin. It can be used for periods of 10 to 30 minutes by the indirect operation method, after which you can easily go about enjoying your daily life. The effect will occur naturally, without harming the upper layer of the skin.

This technology also enables local treatment which can prevent damage to a wide range of tissues, and can reduce damage and pain in the surrounding areas. It can also be applied to lift the wrinkles around drooping eyelids, and to other problem areas such as the treatment of a drooping chin area.

Since the skin is lifted through the regeneration of the tissues in the inner layer of the skin, a repetitive treatment with the existing skin beauty device is not necessary. Also, as the tissue formed in the inner layer of the skin is maintained for a long period, the treatment effect is maintained over time.

Technology Evolution from Lasers to HIFU

Skin & Beauty Technology History





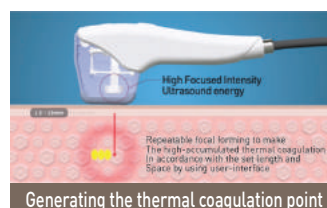
HIFU lifting Treatment theory



HIFU lifting Operation Principles

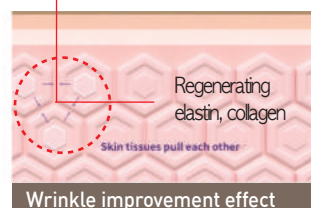
High Intensity Focused Ultrasound

High intensity ultrasound energy is transmitted to the skin at a depth of 1.5 to 13mm below the surface of the skin to generate a thermal coagulation area, the size of which is of less than 1mm. At the thermal coagulation area, a high heat of more than 60 degrees is generated. By constantly forming the thermal coagulation point on the target layer, the area is regenerated by pulling and shrinking the surrounding skin tissues.



Regenerating Elastin, Collagen

- Skin tissues in the inner layer of skin pull each other
- New skin tissue is generated



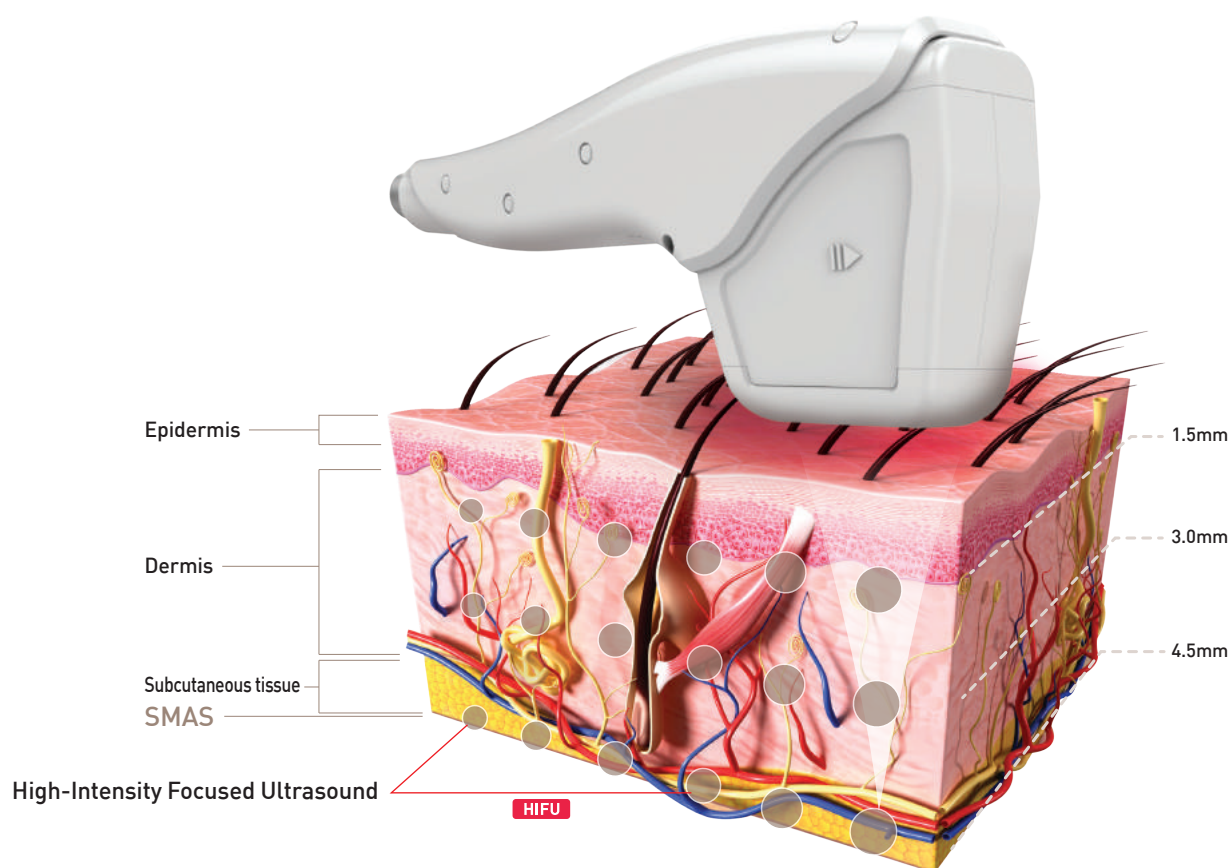
A thermal coagulation point is formed in the SMAS (Superficial Muscular Aponeurotic System) at a depth of 4.5mm, generating an elastin and collagen regeneration reaction around the thermal coagulation point. As the tissues are pulled toward each other, wrinkles and the skin's elasticity can be improved.

PRODUCT PRINCIPLE

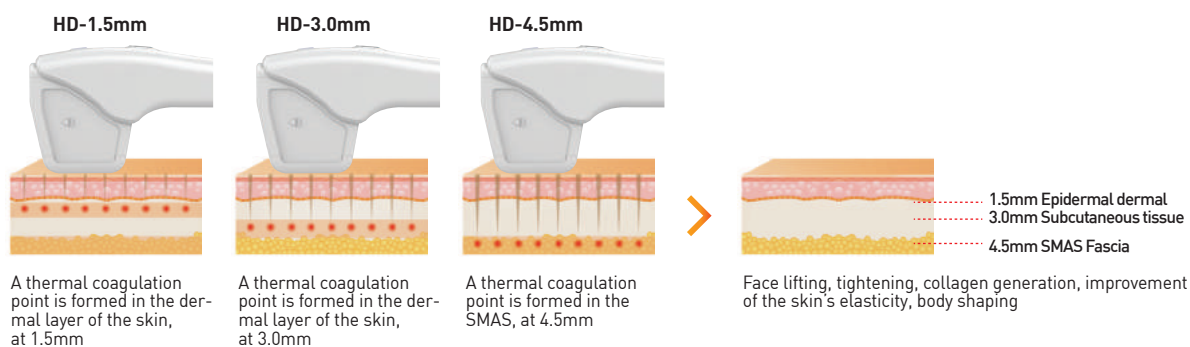
- Generate HIFU(High-Intensity Focused Ultrasound)
- Using probe, ultrasound focusing beneath skin.
- Renewing elastin and collagen.
- Skin looking smooth, elastic, and healthy.

The Principle of UCOS-HIFU

High-Intensity Focused Ultrasound transmitted from the dermis to the SMAS layer!



UCOS-HIFU transmission depth



Body Shaping Face Lifting & Tightening

The **UCOS-HIFU** System has been created to meet the 8 conditions required for beautiful skin!!!

Collagen regeneration
Pigment improvement
V-lines
Volumizing effect

Improvement of the skin's texture
Tightening
Lifting
Elasticity improvement



Face Lifting & Tightening



Body Shaping



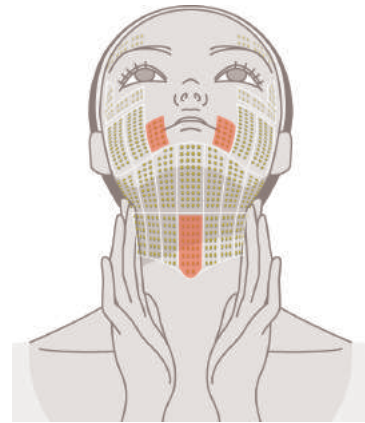
Making our customer's skin beautiful is our greatest aim, and the **UCOS-HIFU** comes to you with exemplary customer satisfaction and customer service!!!

To improve your life
UCOS  **HIFU**

HIFU (High Intensity Focused Ultrasound)

Applications for Face

The **UCOS HIFU System** can be applied to the facial area for skin lifting and tightening, and to improve wrinkles and skin elasticity around the eyes, face, neck, cheek skin, nasolabial folds, forehead, cheeks, lips, and jaw line. It can also be used to improve aging problems and the body line to the greatest effect.

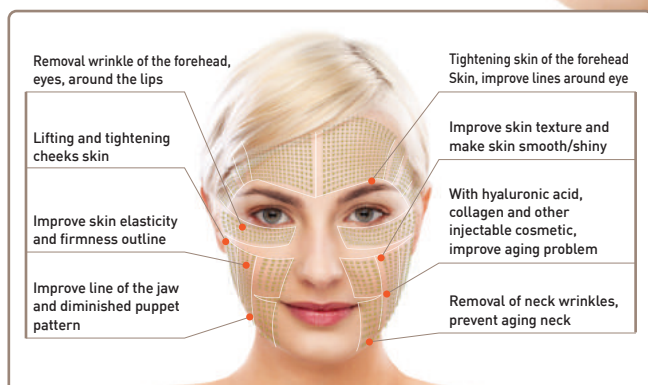


Comprehensive
Treatment

- Face lifting
- Skin tightening
- Wrinkle reduction
- Face rejuvenation
- Eyebrow lifting
- Firming of the face
- Firming of the neck
- Firming of the cheeks
- Firming of the jawline
- Anti-aging, wrinkles
- Fine lines smoothing
- Body skin tightening
- Contour shaping
- Cellulite Reduction

- Non-surgical
- Non invasive
- No recovery time
- No risk for dark skin
- Deep to lift SMAS
- Immediate effects
- More precise and safe treatment

Applied to Face



Application for Face



Application for Body



UCOS-HIFU

UCOS-HIFU Core Technologies

5 8" Color LCD User Interface

6 Feeling Mode Setting

7 Cartridges by each body part

8 Cartridge storage

1 Automatic Resonance Frequency Setting

2 Equipped with an Internal Pressure Regulator

3 Special Type of Manufactured Shaft Ring

4 Ultraviolet Disinfection Device

UCOS-HIFU skin lifting and tightening

UCOS-HIFU Core Technologies



4 Ultraviolet Disinfection Device

- The cartridges are used on an average of 30 to 50 patients, which increases the risk of skin infections
- By installing a risk management function through ultraviolet sterilization, the safety and trust of our patients are ensured



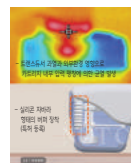
1 Automatic Resonance Frequency Setting

- Automatic matching of the resonance frequency setting through a function connecting the cartridges and the system's electrical and mechanical resonance
- Prevents an overload of the system, overheating of the transducer, and ensures consistent performance (patent registered)



5 8" Color LCD User Interface

- GUI designed for convenient operator use
- Immediate menu response to the touch screen, where adjustments of the ultrasonic output energy, interval setting, and length setting can be applied
- Displays the remaining lifetime of the combined cartridges, information functions, usage frequency, and the installed memory function mode



2 Equipped with an Internal Pressure Regulator

- Pressure expansion is a factor that affects the service life of the cartridges due to an internal temperature increase which results in the cartridge cracking
- An internal pressure regulator is mounted inside the cartridge to act as a buffer for sudden changes in the internal pressure (patent registered)



6 Feeling Mode Setting

- Depending on the sensitivity of the patient's pain during the procedure, the original (fast) or mild (slow) settings can be used



3 Special Type of Manufactured Shaft Ring

- The friction between the shaft ring and the shaft of the disc increases resistance to the movement of the transducer, and excessive motor shaft movement can cause flow instability and errors
- The special type of shaft ring minimizes the frictional resistance and ensures smooth movement, thereby guaranteeing a stable service life of the cartridges with up to 10,000 uses (patent registered)

●Parameter

Adjust parameter values in the current display

●Total usage count

Display the total cartridge usage count of the day

●Parameter display

Display the set values of parameter

●Memory button

Button for loading parameter values from the memory



●Adjustment

Button for adjusting the values of parameter

●Usage count by cartridge

Display the accumulated usage count by cartridge that has been applied to the current patient. Press 'Reset' button to reset the count value

●Ready / Standby mode

Button for switching between Ready mode and Standby mode

●Configuration mode

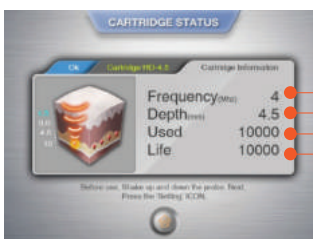
Button for moving to the configuration mode for parameter setting



Convenient User Interface

- User friendly interface

●Touchscreen



- Frequency 4MHz
- Penetration depth 4.5mm
- Usage count 10,000 times
- Cartridge life 10,000 times

Displays information based on an automatic recognition of the installed cartridge

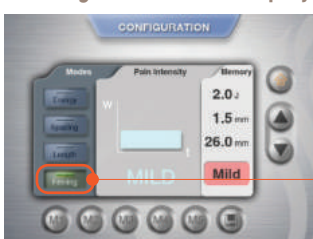
●Configuration mode display



Spacing

1~2.0mm(0.5mm/step) Interval Setting between the points

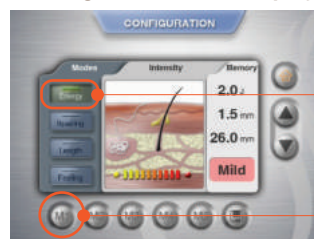
●Configuration mode display



Feeling: Origin, Mild

Depending on the sensitivity of the patient's pain during the procedure, the original (fast) or mild (slow) setting can be used under the same energy irradiation conditions (pain relief control)

●Configuration mode display



Energy

0.2~2J(0.1 step) Energy settings for the ultrasonic shot

After setting all the variables, press M1 to save as M1

●Configuration mode display



Length

5.0~28mm (1mm/step) Set the total travel range of the ultrasonic shots to focus on one point of the body

1. Ultrasonic output energy, interval pain relief control function
2. Displays the remaining life and information about the combined cartridges
3. The cartridge count used by the current patient
4. Memory function mode

UCOS-HIFU Various Operation Parts of the Product

Operation part (facial area) Lifting and Tightening (HIFU 1.5~4.5mm)



Forehead Fine wrinkles



Nose tightening



Around the eyes



Under the eyes



Neck wrinkles



Chest tightening



Cheeks tightening

UCOS-HIFU Various Operation Parts of the Product

Operation part (body area) Shaping (HIFU 13.0mm)



Abdomen tightening



Abdomen tightening



Thigh tightening



Upper arm tightening



Calf tightening

- Facial area (forehead, nose, cheeks, under the eyes, chin, chest) lifting
- Body (abdomen, arms, armpits, thighs, lower legs, waist) lifting
- Non-invasive and can be used for 10 to 30 minutes, after which you can return to your daily life
- Selectively transmits ultrasonic heat to a deeper level than laser or high frequency treatments
- Immediate treatment of fine wrinkles, with long-lasting and elastic skin maintenance and body shape management



UCOS-HIFU Various Cartridge Description

Type of Cartridge(1.5mm, 3.0mm, 4.5mm, 13.0mm)



HD-1.5 (facial area)

thin wrinkles around the eye area, under the eyes, eyebrows, nose area, etc.
 HD-1.5mm



HD-3.0 (facial area)

facial areas such as forehead, cheeks, nasolabial folds, etc.
 HD-3.0mm



HD-4.5 (facial area)

facial areas such as double chins, neck wrinkles, chest, etc.
 HD-4.5mm



HD-13.0 (body area)

body areas such as the arms, legs, thighs, abdomen, etc.
 HD-13.0mm

Technical Specifications

DIVISION	DESCRIPTION
Energy Type	High Intensity Focused Ultrasound
Power	AC 100~230 V, 50/60 Hz
Display	TFT 8 Inch Color LCD Touch Screen
Energy Fluency	0.2~2J(0.1 step) energy setting
Cartridge 4 Types	
HD-1.5	1.5mm for thin wrinkles around the eye area, under the eyes, eyebrows, nose area, etc.
HD-3.0	3.0mm for facial areas such as the forehead, skin on the cheeks, nasolabial folds, etc.
HD-4.5	4.5mm for facial areas such as double chins, neck wrinkles, chest, etc.
HD-13.0 (optional)	13.0mm for body areas such as arms, legs, thighs, abdomen, etc.
Cartridge Shot	10,000 shot
Spacing	1.0~2.0mm (0.5mm/step) Interval setting
Length	5.0~28mm(1.0mm/step)
Weight	5.7kg (excluding cart)
Dimensions	370 x 310 x 155mm(exclude cart)
Cart	Optional
Cart Dimensions	350 x 360 x 850mm(W x D x H)
Cart weight	13kg



- Cart Included
350 x 360 x 850mm
(W x D x H)
- Weight: 13kg
- Warranty: One(1) Year