MEDICON

HIFU · BEAUTY DEVICE

HIFU · cordless lifting beauty device

Precision lifting **at your fingertips**



FOCUS 7MHz
DEPTH 2.0-6.0mm
DOT PITCH 1mm

ULTIGHT

LIFT & TIGHTEN SOLUTION | ULTIGHT

7MHz HIFU · CORDLESS · 4 CARTRIDGES · 2.0-6.0mm · PIEZO MOTOR

Device-grade power, **cordless in your hand.**

ULTIGHT is a beauty device that packs 7MHz high-intensity focused ultrasound (HIFU) into a single cordless handpiece. Move freely without cables and start right away with no extra preparation. **Treat now, see it now** — a lifting solution that cuts treatment time and raises satisfaction.



7 MHz
High-frequency focused ultrasound

4 Type
2.0–6.0mm cartridges

10 dot
per shot

01
Low irritation
Focused ultrasound (HIFU) that reduces discomfort

02
Cordless
Cable-free handpiece for free movement

03
4 cartridges
2.0 / 3.0 / 4.5 / 6.0mm by depth

04
Speed
10 dots per shot for fast treatment and faster bed turnover

05
Uniformity
Patented piezo motor for precise dots

06
Durability
Low heat · low noise device-grade power, 13,000 shots per cartridge

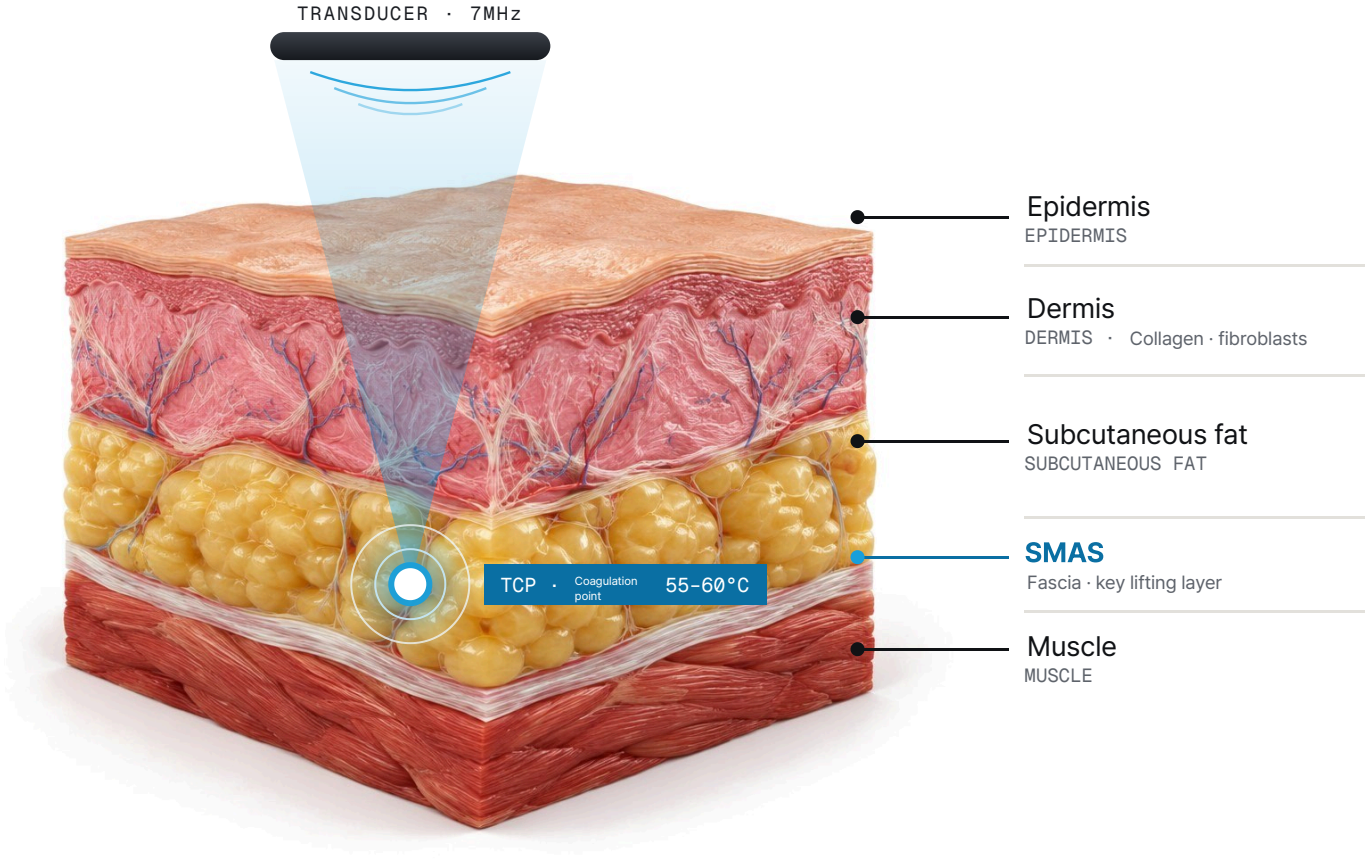
07
Hygiene
U.V lamp care for cartridges on the cradle

08
Reliability
Widely supplied to skin care sites in Korea and Japan

One focused point, **at the depth you want.**

55–60℃
Coagulation temperature at the target depth

HIFU (High Intensity Focused Ultrasound) gathers ultrasound into a single point to create strong energy, forming a 55–60°C thermal coagulation point at the exact target. The heat energy is delivered from the dermis to the SMAS layer, contracting and lifting the skin tissue.



1 FOCUS

Energy focusing

Focuses 7MHz energy on one point at the target depth, leaving the skin surface intact.

2 COAGULATION

Thermal coagulation

55–60°C coagulation points contract tissue for immediate tightening.

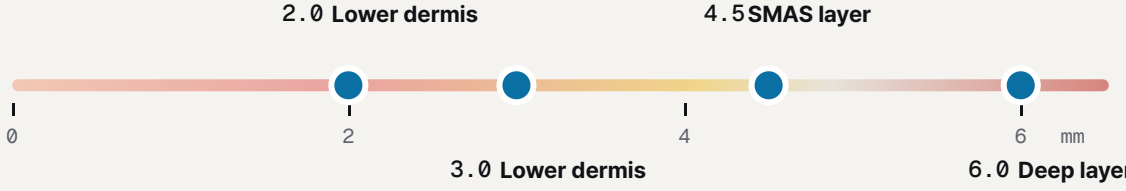
3 REGENERATION

Natural renewal

Renewal of collagen and fibroblasts is activated around each point.

TARGET DEPTH

Depth by cartridge



NO SAW GEAR

No gears, **ultra-precise drive.**

There are no gears inside the ULTIGHT cartridge. Resonant ultrasound generated by the piezo effect controls movement with ultra-high precision, reducing friction and heat and forming every dot with consistent spacing and shape.



BUILT-IN PIEZO CARTRIDGE

PIEZO EFFECT · Resonant drive



Ceramic crystal · mechanical signal

Resonant ultrasound

Ultra-precise positioning

BUILT-IN ACTUATOR

Motor in the cartridge

Unlike STEP motors built into the handpiece, the motor sits in the cartridge, so service is handled simply by replacing the cartridge.

HEATLESS CARTRIDGE

Continuous use, no heat

With almost no heat, 500+ shots can be fired continuously — no spare cartridge needed.

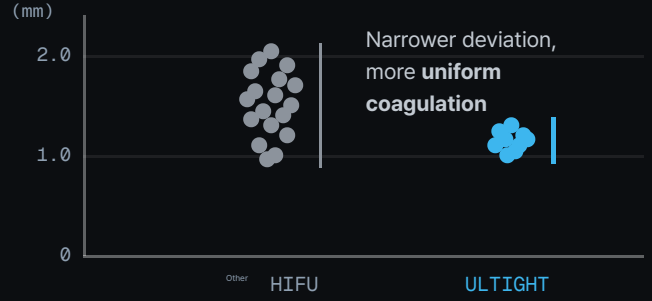
LOW NOISE

Quiet, no gear friction

No gear noise during shots makes the treatment more comfortable for clients.

DOT QUALITY

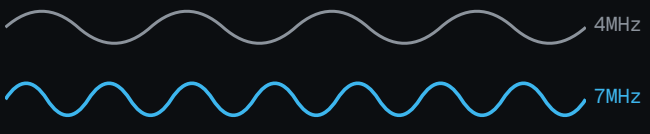
Coagulation depth deviation



7MHz · SPEED UP

Higher frequency, faster shots

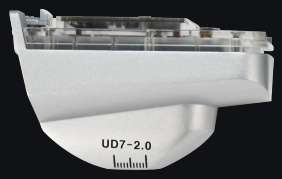
Under the same conditions, higher frequency means faster shots. ULTIGHT delivers excellent shot speed.



Choose the depth, **change the result.**

Choose from 4 cartridge depths to suit the area and skin condition. Every cartridge fires uniformly at 7MHz with a 1mm dot pitch.

UD7-2.0 Eye only



2.0mm

Lower dermis

Eye wrinkles

Round tip keeps the view clear for detailed care around curved eyes

8 dot · 8 mm

UD7-3.0



3.0mm

Lower dermis

Mouth · nasolabial

Focused care for the dermis, where fine lines and loss of elasticity begin

10 dot · 10 mm

UD7-4.5



4.5mm

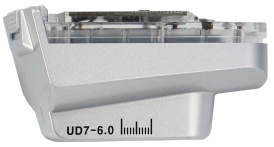
SMAS layer

Sagging cheeks

Delivers energy to the SMAS, the key layer for lifting

10 dot · 10 mm

UD7-6.0



6.0mm

Deep layer

Double chin · jawline

Reaches the deepest layer for a defined face line

10 dot · 10 mm

Output energy by cartridge

UNIT : J (Joule)

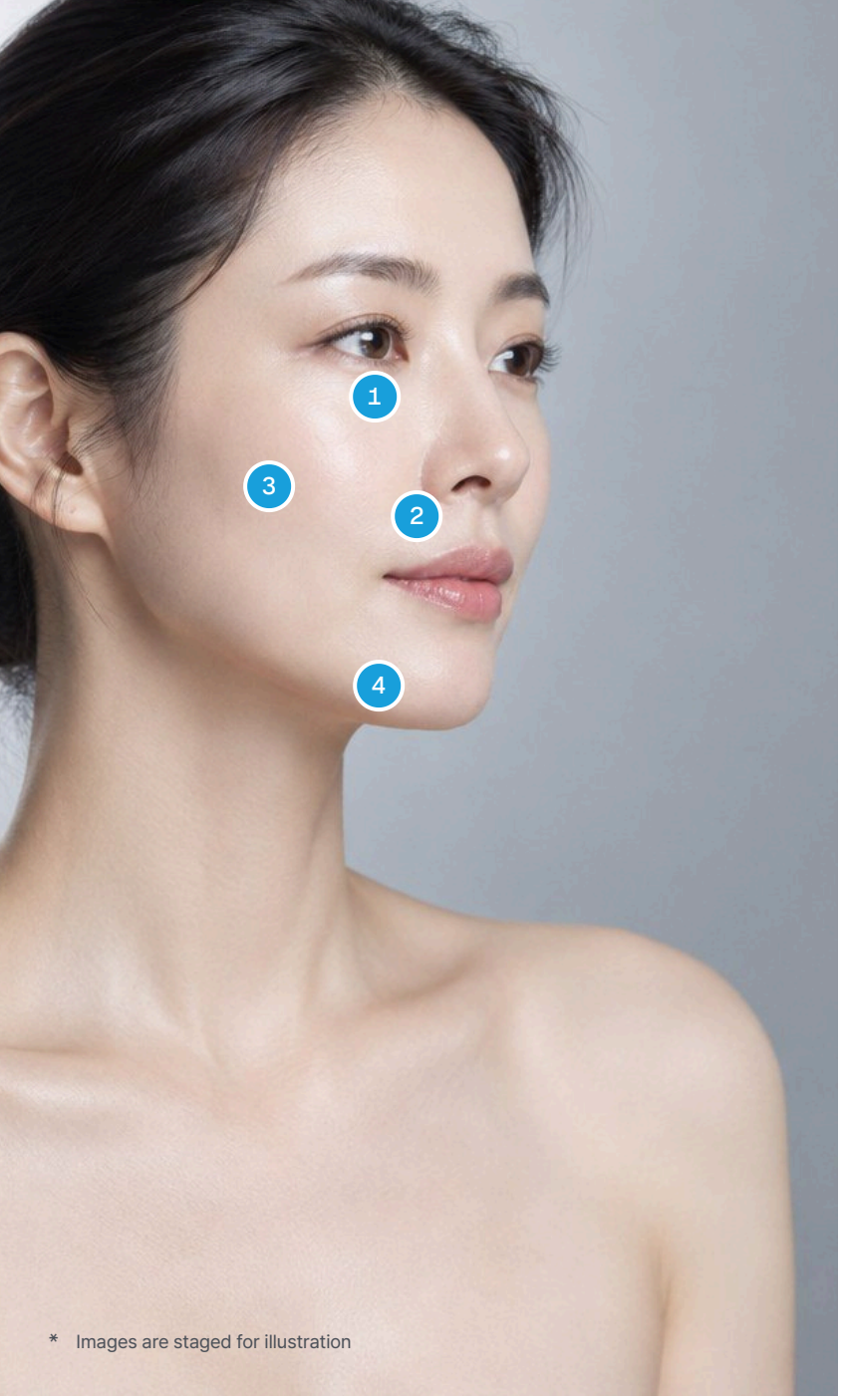
Type	2.0mm	3.0mm	4.5mm	6.0mm
LEVEL 1	0.17	0.30	0.70	1.05
LEVEL 2	0.25	0.45	0.85	1.20
LEVEL 3	0.33	0.60	1.00	1.35
Shot length	8mm	10mm	10mm	10mm
Dots	8dot	10dot	10dot	10dot

7MHz Same freq. for all

1mm Uniform dot pitch

13,000 shots per cartridge

※ Cartridge life may vary depending on usage conditions.



* Images are staged for illustration

05 — TREATMENT AREA

Every area, **its own depth.**

Just switch cartridges on one handpiece for detailed care of the entire face.

1	**Eye area** Fine lines on thin, curved skin	2.0mm
2	**Nasolabial · mouth** Mouth wrinkles and nasolabial lines	3.0mm
3	**Sagging cheeks** Lifting that reaches the SMAS	4.5mm
4	**Jawline · double chin** Redefines a blurred face line	6.0mm

TIP Tailored full-face care by swapping cartridges

BEFORE & AFTER **ULTIGHT before & after**

REAL CASE



Front · eye and cheek line changes



Side · jawline and cheek sagging changes

※ Actual use cases. Results may vary depending on individual skin condition and conditions of use.

RESEARCH DATA

MEDICON R&D

Changes confirmed by data

80%	115.5%	300%
Wrinkle reduction	Skin density improvement	Increased collagen production

Journal of Cosmetic Dermatology (SCI) — Handheld Microfocused Ultrasound Modality for Skin Tightening: ULTIGHT

Annals of Plastic Surgery (SCI) — Rejuvenation of photoaged aged mouse skin using high intensity focused ultrasound

Measurement of Internal Temperature Distribution for the Evaluation of Focused Ultrasound Stimulation Devices

※ Based on MEDICON research data and related papers. Results may vary depending on individual skin condition.

Designed for **usability and convenience.**

CRADLE



U.V LAMP

Hygiene by docking

Place it on the cradle and the U.V lamp turns on, keeping things clean for the next client.

MAGNETIC CRADLE

Stable charging dock

Magnetic docking prevents the device from falling while charging.

SELF CHECKING

Self-check G.U.I

When powered on, a 2-second error and self-check runs automatically.

BATTERY

Convenient cordless use

A DC 7.2V battery lets you move freely between beds without cables.

PACKAGE



In the box

Main unit (handpiece)	1 ea	Cradle	1 ea
4 cartridges	1 ea	Dedicated case	1 ea
Charging cable	1 ea		

Cartridges: 2.0mm · 3.0mm · 4.5mm · 6.0mm

Specifications



MAIN BODY · Handpiece

Model	ULTIGHT
Size	71.5 × 239 × 61 mm
Power	DC 5V / 2A
Weight	320 g
Battery	DC 7.2V / 2,500 mAh

CRADLE · Charging dock

Size	79.5 × 242 × 53 mm
Weight	220 g

CARTRIDGE · 4 types

Size	48 × 82 × 47 mm
Weight	95 g
Frequency	7 MHz
Depth	2.0 / 3.0 / 4.5 / 6.0 mm
Dots · pitch	8 dot (2.0) · 10 dot / 1 mm

Product & demo inquiry

02-3672-1291~4

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Medical & Beauty Device

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GMP · ISO 13485 · INNOBIZ · VENTURE · KC · KCC · FDA · CE · GOST-R · RoHS

This product is a beauty device, not a medical device. Results may vary depending on individual skin condition, and specifications may change without notice for improvement.

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