

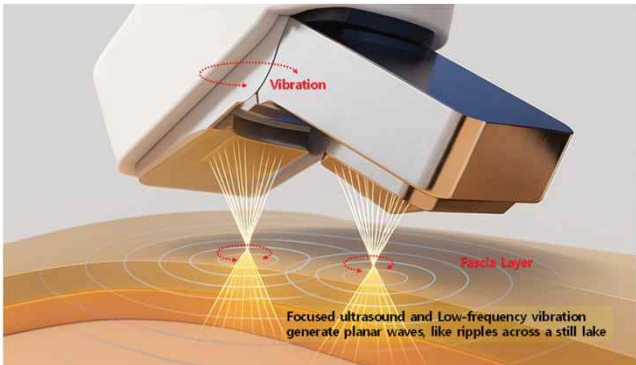
User Manual – MUTi Thera Ultrasonic Skincare Device

1. Product Overview

MUTi Thera is the world’s first semiconductor-based ultrasonic therapy system with smart multi-depth focusing and fascia detection for safe, non-thermal, pinpoint fascia stimulation. Its V-hand design integrates two ultrasonic therapy chips and a low-frequency vibration motor to deliver fascia-aligned, planar mechanical vibration. This results in broad horizontal shear stimulation across facial areas including the jawline, neck, and brow—without heat, pain, or discomfort. Unlike HIFU or RF, MUTi Thera offers consistent stimulation with gradual improvement over time, suitable even for sensitive areas. It targets multiple tissue layers (2.8, 3.8, 5.3, and 7.3 mm), including dermis, fascia, and deep muscle. Clinical studies report significant enhancements in skin elasticity, lifting, and wrinkle reduction.

2. Package Contents

- Included in the box:
- MUTi Thera ultrasonic skincare device
 - Power adapter and cable
 - This user manual
 - Warranty certificate
 - (Optional) Sample gel or cream



3. Specifications

Item	Description
Model	MUTi Thera
Rated Voltage	USB-C PD: DC 20V or 9V
Rated Current	1A
Ultrasound Frequency	5.2 MHz
Size	230 mm × 4.5 mm × 6 mm
Weight	215 g
Material	ABS

4. Features & Parts

Dual-Chip Fascia Stimulation System Utilizing two pMUT ultrasonic chips and a 200 Hz low-frequency motor, MUTi Thera produces synchronized, horizontal planar vibration for fascia-level stimulation across facial contours. The V-shape enhances contact and movement fluidity.

Part Descriptions

- Dual ultrasonic head
- Power button
- LED display
- USB-C PD port

5. Before Use

Device Setup Connect USB-C PD cable to the device. Upon connection, the LED lights up and motor vibrates briefly (2–3 seconds).

Skin Preparation

- Remove makeup and cleanse your face thoroughly.
- Do not use on dry skin—apply the included gel.

Why the Gel Is Important Ultrasound requires a conductive medium. Use enough gel to enable deep transmission. Avoid oil-based products.

6. How to Use

- Recommended use: Once per day
- Duration: Face – 10 mins total (5 mins per region)

Steps

1. Apply gel/cleansing water after washing your face.
2. Turn on device with power button (motor vibrates).
3. Glide head smoothly on skin with gentle motion.
4. Reapply gel if it dries during use.
5. Rinse face with lukewarm water after use.
6. Press power button to turn off.



7. Cleaning & Storage

Cleaning Instructions

- Wipe ultrasonic head with a soft cloth or tissue.
- Do NOT rinse directly under water (not waterproof).
- Avoid alcohol, benzene, or harsh cleaners.

Storage Tips

- Store in a cool, dry place away from sunlight.
- Keep out of reach of children.

8. Safety & Precautions

Do Not Use If You:

- Have heart conditions or use medical devices (e.g., pacemaker)
- Are pregnant or breastfeeding
- Have open wounds, inflammation, eczema, severe acne, or skin disease
- Recently underwent cosmetic procedures (consult doctor first)
- Are near sensitive areas (eyes, thyroid, Adam's apple)
- Are a child

While Using:

- Never use on dry skin
- If discomfort, redness or itching occurs—discontinue and consult a physician
- Do not disassemble or modify device
- Keep away from children and pets
- Avoid dropping or impact
- Always use original charger and adapter

9. Troubleshooting

Device not working

- Check power button operation
- Verify cable connection

No vibration felt

- Ultrasound generates subtle movement; try placing a drop of water to observe ripple
- Ensure gel/cream is fully applied

Skin irritation

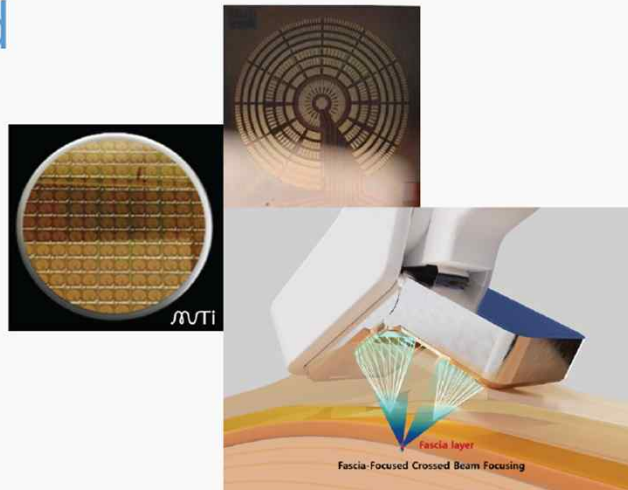
- Apply more gel
- Shorten usage time
- Stop usage and consult specialist if symptoms persist

World First MEMS Ultrasound Therapy Chip

We're MUTi

MUTi Inc., established in November 2019 as an affiliated research institute company of the KAIST-affiliated Center for Smart IT Convergence Systems (CISS), was founded on a solid DeepTech foundation developed through the Ministry of Science and ICT's Global Frontier Project.

We have achieved **the world's first commercial micro-machined ultrasonic therapy chip** and are pioneering intelligent therapeutic technologies built on precision ultrasound.



FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference; and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Warning: Any unauthorized changes or modifications to this device could void your authority to operate this equipment under FCC regulations.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Maintain a separation distance of at least 10 mm from the human body.