



The Ultrasonic Spatula

Creating New Waves in your Skincare Treatments

The spatula comes partially charged but you may want to plug it in for a short time to fully charge it!

Ultrasonic sound waves act on the body in the following way: they stimulate cells. The tiny massage it produces expands the space in which the cells exist, causing movement of cytoplasm, the rotation of mitochondria, and the vibration of the cell nucleus; it stimulates and expands the cell membrane. It improves local blood and lymph circulation, and increases the penetration of skin enhancing products.

Warming and heating action is one of the most important therapeutic factors of Ultrasound. It is a kind of internal heat, with an increase of about 79-80% - this heat is carried away by the blood circulation and is not perceived by the client. This warming action can change the blood circulation and help to reduce inflammation. It is of great benefit prior plastic surgery to reduce swelling and after the healing process is well on its way to reduce puffiness. It produces a relaxing and comforting effect on the client.

Small doses of ultrasound can promote the synthesis of protein inside the cells, help to regenerate wounded tissues and promote the synthesis of fiber cells in the body. The accelerated metabolism of the cells changes the pH level of the skin to a more alkaline state and facilitates the absorption of any induced products. The skin visibly lightens and smooths.

The Ultrasonic Spatula is the new generation of microdermabrasion or what is being called "soft peeling". There is little to no redness or downtime with this treatment. This unit offers ablation or retexturing results with the safe and gentle use of ultrasound vibration of up to 28,000 cycles per second.

First, the Ultrasonic vibrations exfoliate the superficial scaly layers of the skin, reviving the skin tissue. When water is exposed to ultrasound vibrations, the ultrasonic emission has a spectacular effect on the water molecules, which become pulverized. This is called micronization. It creates a soft peeling effect rendering the skin youthful and luminous after the first treatment.

Secondly, the sound waves are used to push in vital nutrients, as determined by the esthetician. This flip side of the spatula provides an intense micro-massage to heat the skin tissue, stimulating the blood flow. This position of the spatula helps the penetration of regenerating skincare products into the deeper levels of skin tissue, again accelerating blood circulation and strengthening of the skin tissue metabolism resulting in reduction of fine lines and wrinkles.

This two-step treatment causes the skin to receive product by first exfoliating and then deep penetration of nutrients, stimulating the skins natural collagen fibers to help re-build the tissues. Collagen fibers are what give the skin a plump look as seen in youthful skin. Elastin is the fibers that

give your face its elasticity. Both the exfoliating treatment and the product infusion help stimulate and rebuild these fibers.

TREATMENT DIRECTIONS

Hold the hand piece at a 45 degree angle to the skin. Use with the blade tip pointed down for deep cleansing and exfoliation. For product penetration, flip the blade over so the flat end of the blade is touching the skin. You do not need to apply pressure while doing the treatment. Simply glide the blade along the skin slowly, and let the sound waves do the work for you!

Use at the beginning of your facial treatment to take the cleanser off for deeper cleansing with light peeling results. Use to take off your enzyme. Use for extractions. Use for deeper penetration of mask or serums specific to your client's needs.

You will see vapor "flying out" from the blade during exfoliation mode. This is the ultrasound waves emulsifying the water and other debris that is on the skin. The skin **must be wet** at all times. **Ultrasound waves do not travel without some sort of medium such as water or a water based product.**

Other info: You can use ultrasound daily for product penetration and twice a week for exfoliation.

Cleaning: Wipe thoroughly with barbicide wipe. Do not immerse in liquid. Keep in mind this is an electrical device!

Please plug unit in when you receive it to fully charge. Full charge time is 3 hours. Light is red when the unit is charging and will turn solid blue when charge is complete. The light will flicker when the unit needs to be charged but you may leave the unit left plugged in and charging at all times.

Here are 2 video links to two other models of ultrasonic spatulas. You will use this model just the same as the models in the video.

<http://www.youtube.com/watch?v=HNLXI8n33O0>

http://www.youtube.com/watch?v=Vq-00_Vsrt8

Contraindications:

Never use on dry skin

Do not use on people with pacemakers
or electrical implants

Avoid using on people with heart conditions

Do not use on pregnant women

Acute or severe infections

Do not use over the eyes

The Buttons:

1. Power: turns the unit on and off (**press and hold for a second to turn on. Button will turn red, but you will not hear anything until you press one of the other buttons!**)
2. Sonic: Ultrasonic Wave Continuous (exfoliation)
3. Lifting: Ultrasonic Wave Pulsating (lifting/toning, deep product penetration with a mask. I also like to use this for extractions. The pulsing loosens the debris from the pore wall.)
4. Ions -/+ : blue light negative, red light positive. Negative draws out for extractions/positive pushes product in.
5. Ultrasonic low/high intensity (I always use high. No one seems to be sensitive to ultrasound)

3 DIFFERENT MODES

Sonic Mode: Deep cleansing and exfoliation. Continuous ultrasound vibrations

The sonic mode generates high frequency microvibration to clean up comedones and blackhead by scrubbing the epidermis. It exfoliates the dead cells lying on the surface of the skin.

This mode: opens clogged pores, gently exfoliates the dead skin cells, cleans away the toxins, clarifies blemishes and pimples, aids with lymphatic drainage, promotes the absorption of the subsequently used products increases the efficiency of the active ingredients refines large pores, makes the skin soft and smooth.

Lifting Mode: Penetration of active serums for a nourishing effect. Pulsed ultrasound vibrations with iontophoresis. **The non-working hand should be touching the client for the iontophoresis to work** (The iontophoresis uses a current to drive the product into the skin and therefore it needs a closed electric circuit. The estheticians fingers are on both sides of the device and the other hand touches the client - the electric circuit is then closed - so the product is able to penetrate into the tissues via iontophoresis).

The lifting mode is designed to make skin care serums penetrate into skin more deeply for maximum absorption and effectiveness. The pulsed ultrasound opens the cell caps and at the same time the iontophoresis emits feeble electric current to the skin to lower the skin barriers, and used electrical repulsion to deliver the nutrients deep under the skin. It optimizes the penetration of active ingredients from serums or creams.

This mode: accelerates the absorption of active substances, promotes the cell renewal, increases skin metabolism, promotes the exchange of oxygen, stimulates the blood circulation, enhances the skin care products, diminishes wrinkles and fine lines, improves skin texture and tone.

Negative / Positive Ion Mode: penetration of serums ionized with polarized ions. Uses pulsed ultrasound vibrations with iontophoresis -/+. **The non-working hand should be touching the client for the iontophoresis to work.** (The iontophoresis uses a current to drive the product into the skin and therefore it needs a closed electric circuit. The estheticians fingers are on both sides of the device and the other hand touches the client - the electric circuit is then closed - so the product is able to penetrate into the tissues via iontophoresis).

This Mode: Negative draws out for extractions. Positive pushes in for deeper product penetration.

Technical Data:

Voltage: 100 – 240V

Frequency: 50 Hz

Frequency ultrasound: 28 Khz

Battery: 3,7V /850 mAh

Max. Power: 1,2 W +/-10%

Weight 163 g

CE SY088

Contact Laura Porter for additional questions at [**laura.porter@telefieldna.com**](mailto:laura.porter@telefieldna.com) or visit
[**www.mbkskincare.com**](http://www.mbkskincare.com)