



Ultrasound has a broad application field within cosmetics. It can be used for micro massages, depending on the frequency, intensity, length or impulse waves, which influences the diffusion of substances through the cell membranes, which service to provide warmth locally or to increase cell processes. For ultrasound applications, not only the effects of the vibrations themselves, but also the infiltrated active agents are important.



Optimal results Ultrasound in cosmetics

Low frequency ultrasound - Intense Hydro Exfoliation

Low frequency ultrasound works at 28 kHz and is transmitted via spade-shaped attachments on the skin.

Intense Hydro Exfoliation

The transmitted vibrations create a dispersion of the applied liquid (water, gel, tonic) whereby the dead horny cells are gently detached and removed. In this way, excellent results can be achieved with i.e. comedone acne. Low frequency ultrasound promotes regeneration, activates, increases circulation and stimulates lymph flow. A treatment with low frequency ultrasound can achieve very good results, especially for atrophic skin in.

Areas of application:

- Wrinkles
- Sagging Skin
- Dry skin,
- Sallow - poor circulation skin,
- Blemished skin,
- Cosmetic acne



28 kHz



IONTO-PEEL® SONO
page 90

High-frequency ultrasound - Versatile in its effectiveness

Via the vertical positioning of the ultrasound head on the skin, the ultrasound waves are transmitted targeted on the tissue that lies beneath it and supports various levels of effects:

1. Mechanical Effect

Deep effect micro massage

2. Thermal Effect

Warming of the tissue so that the circulation, the metabolism and the lymph circulation are activated

3. Biochemical Effect

Stimulation of collagen production

Additionally, the phonophoresis is a further important area affected. Phonophoresis a further important affected area. With phonophoresis, care products (i.e. ampoules) are introduced to the skin with an ultrasound device, whereby a depot effect is achieved.

Possible results with ultrasound:

- Cell regeneration
- Increased metabolism
- Promotion of the intercellular material exchange
- Acceleration of lymph circulation
- Improved blood circulation
- Improved absorption of active ingredients and therefore more intense effects from treatment products

Areas of application:

Wrinkles, sagging tissue, teleangiectasia, facial erythrosis (consultation with a Dermatologist is recommended), fatigued skin, cosmetic acne, several scars, acne scars, stretch marks, cellulite improvement

Depth effect of different frequencies

- 1 MHz to 3 cm
- 3 MHz to 1 cm
- 10 MHz to 0.3 cm

In cosmetics, frequencies of 1.3 or 10 MHz are used. The higher the frequency, the lower the half-value of the ultrasound is and thereby, the effect in the tissue. The lower the depth of penetration, the higher the intensities that can be used, i.e. in the facial area. In this way, more effective, faster results can be achieved.

1, 3 MHz



IONTO-SONO® IMPRESSION
page 91

Unique for Anti-Aging treatments - The immediate effect with extended results

Ultrasound frequencies in the area of 10 MHz are especially suited for anti-aging treatments. The stimulation of fibroblasts forms the basis for the successful ultrasound treatment of wrinkles, as was shown in a multi-centric study (see www.ionto.de/IONTO-SONO effect). The application of the ultrasound with 10 MHz enables a better absorption of the ultrasound energy within the first 2-3 mm in the skin. In this way, optimal results can be achieved, in particular with anti-aging treatments.

Local Dynamic Micro Massage

With this new type of technology, ultrasound waves with frequencies of 1 and 3 MHz as well as 3 and 10 MHz are used. The combined frequencies change up to 500 times per second and thereby create extreme pressure fluctuations on the tissue, in particular on the connective tissue and can thereby improve skin elasticity. The rapid frequency change enables the effect of two ultrasound frequencies in one work process together and additionally leads to a stronger, local micro massage in the tissue - the Local Dynamic Micro Massage (LDM®). The effects that occur as a result cannot be achieved with a conventional ultrasound device.

Especially suited for the treatment of:

- Slackened skin
- Several scars, acne scars
- Skin rejuvenation with the new formation of collagen
- Wrinkles
- Reduction of cellulite
- Body contour improvement

The immediate, clearly visible success already after the first treatment is very convincing, so that long-lasting effective spa treatments are significantly more aggressively accepted and requested by customers. Experience shows that customers often like to come back and actively recommend the treatment to others.



Suitable for
SYMBIOSIS CONCEPT by IONTO®

1, 3, 10 MHz



IONTO-SONO® effect
page 92

Low frequency ultrasound -
Intense Hydro Exfoliation

IONTO-PEEL® SONO



Suitable for
SYMBIOSIS CONCEPT by IONTO®



With pre-installed three treatment programs:

- Cleansing / Scaling
- Lifting Face
- Lifting Body

The IONTO-PEEL® SONO offers two treatment functions:

On moistened skin, the vibrations of the low-frequency ultrasound remove the top layers of dead skin cells and cause an intense hydro exfoliation. On the other hand, the lifting treatment of the IONTO-Peel Sono activates skin cells and promotes the regeneration of the skin. The treatments can be ideally combined. Depending on the size of the area, the vibrations are transmitted to the tissue with a narrow or wide hand piece.

Treatment effects:

- Effective Hydro Exfoliation, particularly suitable for comedonal acne.
- Stimulation of blood circulation and lymphatic flow.
- Activation of metabolism and regeneration, particularly suitable by sagging skin.

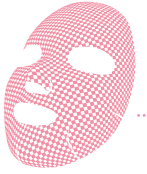
Technical data:

Electrical connection: 230 V / 50 - 60 Hz
Power: 10 VA
Dimensions H / W / D (cm): 7/19/19
Weight: 1.6 kg
Output frequency: 28 kHz

8815.8345 IONTO-PEEL® SONO

The new ultrasound by IONTO for impressive results

IONTO-SONO® IMPRESSION



Suitable for
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Equipment features:

- The device works with 3 MHz = surface effect and 1 MHz = deep-acting effect
- Intuitive and very easy menu navigation
- Very comfortable, large display with 20 pre-set programs
- Possibility to create custom-designed programs
- Integrated sensor indicates if there is sufficient contact to the skin during the treatment and enough contact gel is used
- Ultrasound head for face, 2.5 cm²; ultrasound head with 5 cm² for body treatments

Included in delivery:

Device and ultrasound head for face, 2.5 cm²
1 x SONO contact gel Aloe Vera, 250 ml

Technical data:

Electrical connection: 230 or 110 V / 50 - 60 Hz
Power: max. 2 W/cm²
Power consumption: 43 VA
Ultrasonic frequency: 1 MHz and 3 MHz
Dimensions W / H / D (cm): 38 / 14 / 22,5
Weight: 3,2 kg

8421.1 IONTO-SONO® IMPRESSION

Item No.	Accessories
8422.100	Ultrasound head for face treatments, 2,5 cm ²
8421.101	Ultrasound head for body treatments, 5 cm ²
8422.009	SONO contact gel Neutral, 200 ml
8422.121	Aftercare: Soothing Aftercare, 1 dispenser à 30 ml
8228.062	TT-Mask Q10 Proline
8422.002	SONO contact gel Aloe Vera, 250 ml
8432.004	SONO contact gel ACE, 200 ml
8422.016	SONO contact gel Basic, 200 ml
9147	Body Contouring Gel, 250 ml
9146	Lifting Gel, 250 ml

High-frequency ultrasound: 1 MHz, 3 MHz und 10 MHz plus Local Dynamic Micromassage (LDM®) for unique immediate effects

IONTO-SONO® effect



Suitable for
SYMBIOSIS CONCEPT by IONTO®



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In addition to the traditionally applied sound waves the IONTO-SONO® effect provides with 10 MHz, a concentrated treatment of the upper skin layer. With the Local Dynamic Micromassage immediate visible effects are achieved with prolonged action. Take advantage of this optimization of cosmetic ultrasound treatment technology!



- Before-and after-care of plastic and aesthetic surgery
- Skin rejuvenation and tightening
- Wrinkles, sagging skin
- Cosmetic acne, acne scars
- Tightening of connective tissue, cellulite
- Stretch marks
- Some scars



Equipment features:

- 3 ultrasound frequencies: 1, 3 and 10 MHz
- Combination of 3/10 MHz for the facial area
- Combination 1/3 MHz for the body area
- Local Dynamic Micromassage produced by rapid frequency change
- 14 pre-set programs
- 3 ultrasound heads: 1,2 cm², 2,5 cm² and 5 cm²

Delivery includes:

Device, treatment head 1 + 3 MHz / 2,5 cm², treatment head 3 + 10 MHz / 1,2 cm², SONO contact gel Basic 200 ml

Technical data:

Voltage: 230 V / 50 - 60 Hz
 Heads: 1, 3 MHz 2,5 cm²
 1, 3 MHz 5,0 cm²
 3, 10 MHz 1,2 cm²
 Intensities: 1, 3 MHz to 3,0 W/cm²/ 3, 10 MHz to 2,0 W/cm²
 Frequencies: 1, 3, 10 MHz
 Modes: Continuous
 Pulsing 1:2, 1:5, 1:10
 LDM 1ms, 2ms, 5ms, 10ms
 Weight: 8 kg
 Dimensions: 172 / 420 / 270 mm

8432.1 IONTO-SONO® effect

Item No.	Accessories
8432.001	Treatment head 1,2 cm ² , 10 MHz for facial treatments
8432.003	Treatment head 5,0 cm ² , 3 MHz for body treatments
8432.002	Treatment head 2,5 cm ² , 3 MHz for facial treatments
8317.8	COMBI cart for MICROABRASION + ULTRASOUND

Item No.	Accessories
8432.004	SONO contact gel ACE, 200 ml
8422.002	SONO contact gel Aloe Vera, 250 ml
8422.009	SONO contact gel Neutral, 200 ml
8422.016	SONO contact gel Basic, 200 ml