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PEELING SKIN USER'S MANUAL

The device for skin rejuvenation by means of cavitation peeling



TECHNICAL DATA:

- Power supply: 9.6V battery
- Consumed power
- Dimensions 163L x 50W mm
- Weight ~0,5kg
- Ultrasound frequency 21-23MHz
- Max. ultrasound intensity 0,5W/cm²

Equipment:

- Biosonic device with cable and power adaptor
- user's manual

Intended application:

- skin cleansing
- removing of dead epidermis
- acne

- mature skin with no elasticity
- dehydrated, tired skin
- general improvement of skin aesthetic

FUNCTIONS

- peeling - cleansing
- sonophoresis – transdermal preparations delivery by means of ultrasounds
- wrinkle smoothing, micro-massage, lifting

CAUTION!

YOU MUST KNOW IT before you attempt to treatment:



Do not wet the appliance head – for the purpose of disinfection wipe the metal part with disinfecting liquid or spirit available in a pharmacy. Wetting the appliance head will cause its permanent failure. After finished treatment wipe the metal part of the head in order to remove residues of liquid/preparation from its surface.

After switching on the appliance is set to the latest used operation mode.

The appliance will automatically turn off after 2 minutes of operation (the ON/OFF LED goes off) – it's a protection against head overheating. In order to restart the appliance wait about 1 minute and press the ON/OFF switch.

“In the air” operation, i.e. when it is switched on but is not in contact with skin, is disadvantageous for the appliance. That is why the head should be moved with as long as possible streaks touching skin. Whereas breaks when the head is not touching skin should be short.

AVOID keeping the appliance switched on during breaks in treatment. If you don't use the appliance – e.g. while adding preparation on skin – turn it off with ON/OFF switch – the LED is switched off.

Do not keep the appliance head too long at one spot on skin – it may lead to burns.

Do not press the spatula (head) hard against the skin – there will be no cavitation and the head may get broken.

Some persons may hear “squeaking noise” during the device operation – it is related to the hearing range of a given person. The sound may be heard especially near head bones (jaw, cheekbones, forehead) and ears.

Feeling of warm occurs during treatment – it is natural, desired reaction. The metal part is warmed up due to ultrasonic wave operation. Generated warmth causes, among others, better cosmetics absorption by skin.

After the treatment skin may appear red from few minutes to several hours (it is a result of better blood circulation and oxygenation of the skin).

After completed treatment take out the plug from mains socket. Leave the appliance in dry place, secure against fall down.

CAUTION!

- **Contraindications for application:** pregnancy
- skin cancer
- serious skin allergies
- heart pacemaker
- do not apply treatment close to eyes (it should be applied about 1 cm from lower eyelid and over upper eyelid – NEVER on an eyelid)
- in case of any doubts about diseases – contact your practitioner

SKIN PREPARATION BEFORE THE TREATMENT – clean the skin, remove make-up

BEFORE YOU START

Press the ON/OFF button longer and check whether the red LED glows. The LED should go out after the ON/OFF button is pressed again, which means that the apparatus is off.

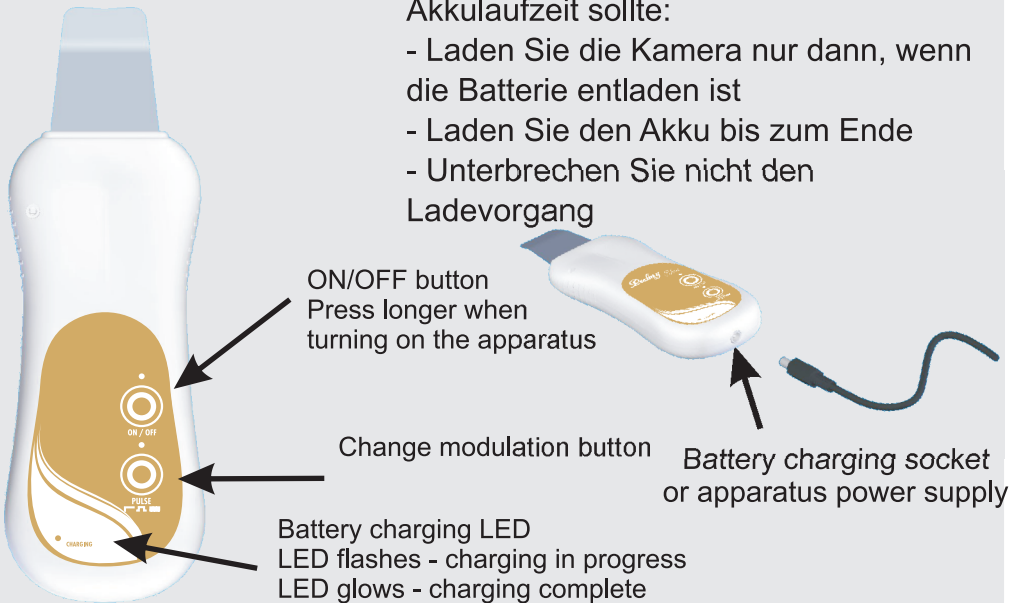
Press the PULSE button after pressing the ON/OFF button and check whether the right LED flashes. Check whether the frequency of the flashes increases after pressing the PULSE button several times. If yes, the apparatus is operational and ready to work.

BATTERY CHARGING

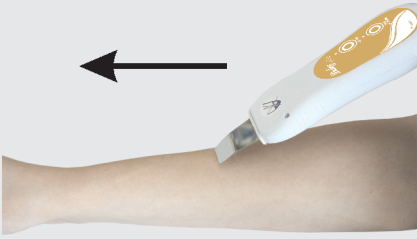
If the output of the apparatus decreases considerably or it turns off while functioning, it means that the battery is running low. Then the power adapter should be inserted into a 230V 50Hz socket with ground and the plug of the cable into the socket of the apparatus. The green LED "CHARGING" should go on and flash. The apparatus should be left until the LED stops flashing. It may take a few hours.

Um sicherzustellen, dass die längste Akkulaufzeit sollte:

- Laden Sie die Kamera nur dann, wenn die Batterie entladen ist
- Laden Sie den Akku bis zum Ende
- Unterbrechen Sie nicht den Ladevorgang



Cavitation peeling – the treatment results in efficient dead epidermis



peeling and uncovering of younger dermis layer free from dead cells, excess of sebum, bacteria, toxic substances and residues of cosmetics. Skin prepared in such a way is ready for better absorption of preparations. As a result of clearing (peeling) the skin

is visibly smoothed and soft with opened pores and hair follicles, disinfected (bacteria and microorganisms are destroyed). Skin may become slightly red, this will disappear after few minutes or few hours (in case of very sensitive skin).

Cavitation peeling – to be performed as in the drawing aside (with outbound movement and never inbound movement). During treatment skin must be moistened with plenty of liquid (water, physiological saline, suitable tonic, the Biomak cavitation micellar liquid). The lower amount of liquid the cavitation will be smaller. The cavitation effect (spraying of water, liquid) is smaller in less impure or already well cleansed spots, more intensive at the beginning of treatment and at impure, excessively dry spots. If there is too little liquid – the cavitation is very small and little visible. If the skin is already well cleansed the cavitation may be smaller – less visible.

It is not allowed to touch dry skin with the spatula (metal) while the ON/OFF switch is in ON position. If there is too little liquid or none at all the skin may get burnt. It is caused by automatic (proper) warming up of the appliance head. Remember to moisten the skin well with wet wad of cotton wool before each skin touching by the appliance head. The wad of cotton wool should be exchanged few times during treatment. The wad should be moistened every 2-3 movements on skin for the cavitation process to be performed and the appliance head not to become too warm. The appliance must be turned off not to overheat the head.

The peeling is mostly effective while carried out once a month. It is related to regeneration of epidermis once every 28 days more or less.

The appliance head should be operated delicately, smoothly touching the skin – do not press the head against the skin. During treatment the spatula should be moved on moistened skin in 5-10 cm passages. Lift the head, moisten the next part of skin, put the head onto new moistened spot simultaneously moving the spatula over skin. Do not stop the head in one spot – the skin may become burnt. Do not operate the head too quickly – movements should be slow.

The peeling treatment should not exceed 5 minutes (face, neck, upper chest). One, max. two movements of the spatula over one spot in the skin make it clear and is sufficient for proper treatment carrying out.

If the head (its plastic part) becomes too hot, wait about 3-5 minutes before repeating operation. It will protect the head against failure.

Skin is being moisturized with liquid in order to:

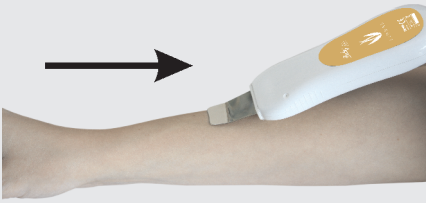
- obtain cavitation process on the skin surface
- avoid skin overheating and protect against burns

Skin may be moisturized with the following liquids:

- physiological saline
- water
- other alcohol-free biocosmetic product e.g. tonics, e.g. Biomak micellar liquid for cavitation

After this treatment phase begin the second phase and carry out suitable treatment of sonophoresis, lifting-micro massage, wrinkle smoothing.

Sonophoresis – delivery, treatment duration ca. 5 minutes. The treatment is carried out with wider side of the head as shown in the picture. Apply suitable preparation on the treated skin (gel for ultrasounds or preparation for ultrasounds). Move the appliance head in



streaks on ca. 5 cm passage or small overlapping circles, lift the head. Move to another part of skin, lift again etc.

Sonophoresis + micro-massage (lifting-wrinkle smoothening) – it is a function to be switched on in order to enhance lifting. Micro-massage is turned on by

PULSE switch, there are three operation modes available: continuous operation (sonophoresis) and two modes of pulse operation (micro-massage) – faster and slower one – choose the one more suitable for you. Do not apply the micro-massage (pulsing operation) on skin under 25 years of age as it is unnecessary skin stimulation for this age. Stopping the head in one spot may cause the skin burnt.

The sonophoresis and sonophoresis with micro-massage should be carried out as series of treatments. Series consists of 5 to 10 treatments, every 48h. Not more frequently. Not less frequently than once a week. There should be 2-3 month break between series.

Select suitable preparation from 1 to 15 of the Professional Line Biomak series or any other one but designed for ultrasounds.

Remember that during sonophoresis (delivery by ultrasounds) there are all the substances contained in a cosmetic delivered into the skin up to ca. 1 cm depth, therefore the preparation must be especially designed for ultrasounds, contain small amount of preservatives or just the delicate ones. The standard cosmetics are meant for surface application, delivering them deeply inside the skin may do harm rather than help.

The oxygenating and moisturizing treatment – recommended for every skin type, especially dehydrated and tired one.



B I O M A K

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