



OPERATING INSTRUCTIONS

IONTO-MESO SL

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General safety instructions



The IONTO-MESO SL is hereinafter referred to as the device.

- Reading the operating instructions before putting the device into operation is essential. Read the notes carefully. They contain important information on safety during commissioning, use and maintenance of the device.
- Only the manufacturer or personnel who have been authorized by the manufacturer may open the device, unless otherwise explicitly stated in this manual.
- Check the voltage (V) which is specified on the rating plate. The specified voltage must match the voltage which is provided by your electrical utility. Only connect the device to the mains supply after verifying the voltage.
- Using the device with a damaged power cord is prohibited.
- The power cord must not be jammed or pinched and must not come into contact with hot objects, e.g. a heater or a lamp.
- Turn the device off immediately if you discover that the power cord is damaged. Disconnect it from the mains supply. Contact our customer service department. Don't use the device any more until you have received further information from our customer service department.
- Never pull the power cord from the outlet if your hands are wet. Don't yank on the power cord to remove the plug from the outlet.
- Always pull the power cord before you clean the device, reach into it or change the fuse.
- Disconnect the device from the mains supply immediately if liquid or a foreign object gets into the device! Contact our customer service department. Don't use the device any more until you have received further information from our customer service department.
- Don't use the device in wet rooms. Don't pour liquids over the device or immerse it in liquid.
- The device is not intended for use by children or by persons with limited physical, sensory or mental capabilities or a lack of experience or knowledge.
- Turn all mobile phones which are within the treatment environment during treatment off completely.

Further Notes

- The operating instructions help to operate the device safely. Therefore, always retain the operating instructions for future use. Store the operating instructions by the device so that they are accessible to all users.
- The product and manual are intended for trained cosmeticians.
- This manual may cover the use of functions which are only available with optional equipment.
- If the device was transported, allow some time for the device to reach the ambient temperature before you start using it.
- Only use original accessories.
- After unpacking the device, compare the contents with the specified scope of delivery to ensure that everything is complete and undamaged. Contact our customer service department in case of doubt.
- If there are any ventilation slots, be sure not to cover these. Don't cover the device and don't install it inside compartments/drawers.
- If you do not use the device properly or use it for purposes other than those described in the user manual, then this releases the manufacturer from any guarantee and warranty obligations whatsoever.

Contraindications



If in doubt you should consult a doctor.



For detailed information, please read the treatment instructions!



Generally only treat healthy people.

Don't use the IONTO-MESO SL on the following areas and in case of the following indications:

- Bacterial infections (e.g. boils, carbuncle, tuberculosis)
- In the vicinity of skin damage (e.g. open wounds, inflammation)
- Blood clotting disorders
- Skin diseases (e.g. neurodermatitis, psoriasis, eczema)
- Inflammatory acne
- Allergies
- Immune deficiency
- Herpes Simplex
- Moles

Fields of Use

The MESO SL with Scalable handpiece uses a soft padded IONTO-MESO pad to gently penetrate the skin barrier so that active ingredients can be absorbed more easily.

The cosmetic MESO function is suitable for treating the face, neck, neckline, lips and back of the hand.

Success is indicated by:

- Improved absorption of active ingredients and thus enhanced effectiveness of the selected treatment products
- Promoting local blood flow
- Increasing cellular metabolism
- Improving the water retention capacity
- Accelerating and improving regenerative processes
- Activation of blood flow
- Smoothing of wrinkles

Control Elements and Connections

IONTO-MESO SL

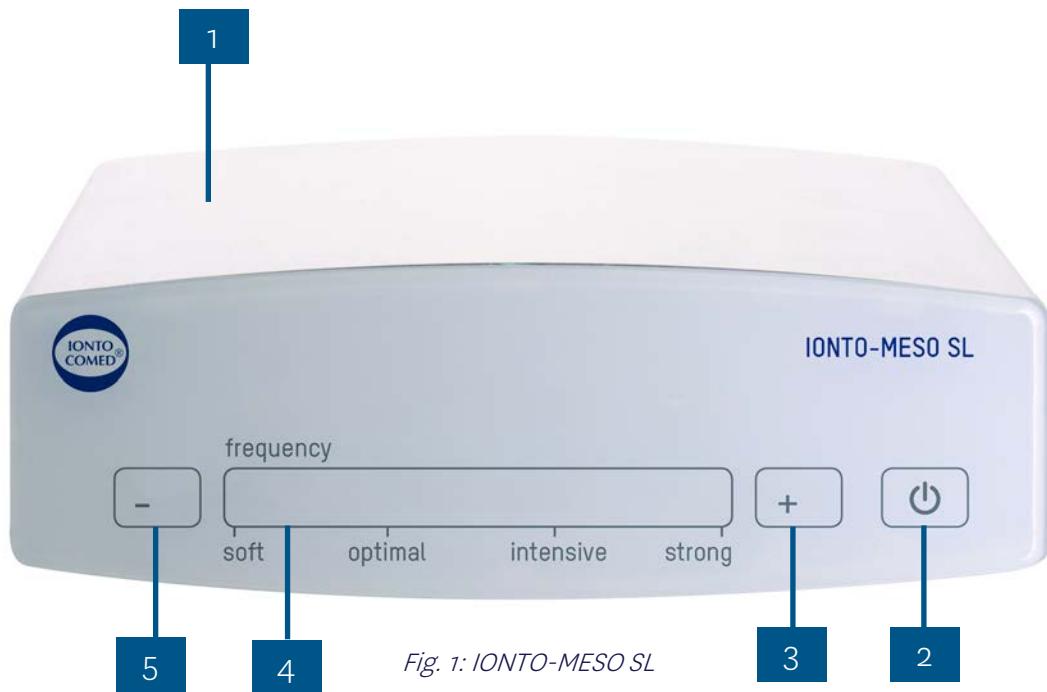


Fig. 1: IONTO-MESO SL

1	Casing	2	Turn the device on or off / Start or stop treatment
3	Increase the frequency	4	Slider with frequency indicator
5	Reduce the frequency		

Scalable handpiece

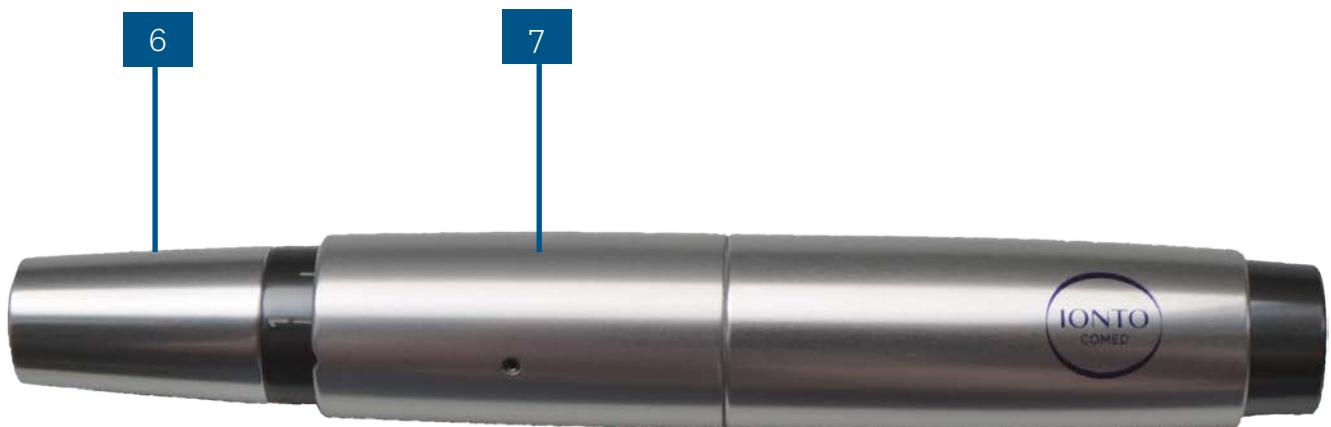


Fig. 2: Scalable handpiece

6

MESO tips

7

Movable center piece

Installations

Follow the instructions to avoid damage to the device.

Device

Setting the device up

To set the device up:

1. Set the device up on a surface which is level, solid and heat resistant.
2. Don't set the device on a towel or blanket.
3. Ensure that the ventilation slots are free and not covered.
4. If you own several IONTO-COMED® Essential Line devices, you can stack up to 3 devices on top of one another.

Then the device is situated properly.

Connecting the device to the mains supply

To connect the device to the mains supply:

1. Plug one end of the power cable into the socket on the back of the device.
2. Plug the other end of the power cable into a power outlet.

Then the device is supplied with power.

Scalable handpiece

Connecting the scalable handpiece to the device

To connect the scalable handpiece to the device:

1. Ensure that the device is turned off.
2. Connect the scalable handpiece connector to the jack on the back of the device housing.

Then the scalable handpiece is connected to the device.

Screwing the MESO pad onto the scalable handpiece

NOTE

DAMAGE TO THE SCALABLE HANDPIECE

By Incorrect use the scalable handpiece and the device can be damaged.

- Never turn the device on unless a MESO-Pad has been screwed onto the scalable handpiece.
- Replace the MESO-Pad after each treatment.

INFO

The IONTO-MESO pads are disposable products.

To screw the MESO-Pad onto the scalable handpiece:

1. Fit the unused MESO-Pad into the opening on the scalable handpiece with the narrow end towards the handpiece.
2. Screw the MESO-Pad on in the clockwise direction.

Then the MESO-Pad is screwed onto the scalable handpiece.

Operation

Device

Turning the device on

To turn the device on:

1. Place the mains switch on the back of the device in position <|>.
— Then the device is in standby mode.
2. Press and hold the On/Off button **2** for 2 seconds.

Then the device is turned on and the keypad backlighting is active.

Placing the device in standby mode or turning it off

You can turn the device off completely or place it in standby mode.

If the device is in standby mode, it is ready to use more quickly when you want to turn it back on.

To place the device in standby mode or turn it off:

1. To place the device in standby mode, press and hold the On/Off button **2** for 2 seconds.
2. Then place the mains switch on the back of the device into position <O> if you want to turn the device off completely.

Then the device is in standby mode or turned off completely.

Treatment settings

Adjusting the frequency

How high you want to set the frequency depends on how sensitive the skin being treated is.

The higher the frequency setting you use, the more effectively the active ingredient is introduced into the skin, but the greater the amount of skin reddening.

To adjust the frequency:

- To increase the frequency, press the (+) button **3** or slide your finger to the right on the slider surface **4**.
- To decrease the frequency, press the (-) button **5** or slide your finger to the left on the slider surface **4**.

Then the frequency is adjusted.

Adjusting the pricking depth of the plastic tips



If the pricking depth is adjusted above the maximum, the MESO tips lock.

To lift the blockade, decrease the pricking depth until the MESO tips move again.



The length of the plastic tips is 0,5 mm.

Since the skin yields during pricking, the MESO tips actually penetrate the skin up to a maximum of 0.2 to 0.3 mm.

How deep the MESO tips should penetrate into the skin depends on the skin itself and on what the customer feels.

For areas with thinner skin, such as the forehead, a lower pricking depth is sufficient.



The movable center piece of the handpiece is labelled with a scale that can be used as an indicator for the adjustment of the pricking depth.

To adjust the pricking depth of the plastic needles:

- To increase the pricking depth, turn the movable center piece **7** of the scalable handpiece in the counterclockwise direction.

- To reduce the pricking depth, turn the movable center piece of the scalable handpiece in the clockwise direction.

Then the pricking depth is set.

Adjusting the pricking depth of the steel needles

INFO

- If the pricking depth is adjusted above the maximum, the MESO tips lock.
- To lift the blockade, decrease the pricking depth until the MESO tips move again.

INFO

- The length of the steel needles is 0,7 mm.
- Since the skin yields during pricking, the MESO tips actually penetrate the skin up to a maximum of 0,5 mm.
- How deep the MESO tips should penetrate into the skin depends on the skin itself and on what the customer feels.
- For areas with thinner skin, such as the forehead, a lower pricking depth is sufficient.

INFO

- The movable center piece of the handpiece is labelled with a scale that can be used as an indicator for the adjustment of the pricking depth.

To adjust the pricking depth of the steel needles:

- To increase the pricking depth, turn the movable center piece **7** of the scalable handpiece in the counterclockwise direction.
- To reduce the pricking depth, turn the movable center piece of the scalable handpiece in the clockwise direction.

Then the pricking depth is set.



Fig. 3: Movable center piece

Treatment

Follow the instructions to avoid damage to the device.

NOTE

DAMAGE TO THE HANDPIECE

By incorrect use the handpiece and the device can be damaged.

- Never turn the device on unless a MESO-Pad has been screwed onto the scalable handpiece.

Starting treatment

To start the treatment:

1. Press the On/Off button  2.
2. The treatment starts and the MESO tips move up and down.
 - The motor generates a humming noise.

The treatment started.

Ending the treatment

To end the treatment:

1. Press the On/Off button  2.
2. Dispose of the used IONTO-MESO pad.

Then the treatment ended.

Repairs and Maintenance



INFO

The device doesn't require any maintenance if it is used properly and as intended.

Repairs may only be performed by authorized specialists from the manufacturer.

Modifications or repairs which were not performed by authorized specialists release the manufacturer from all warranty and liability obligations.

Cleaning and Care

Please note the following safety notices to avoid mechanical damage and personal injuries.



RISK OF ELECTRIC SHOCKS

These could lead to lethal injuries.

- Turn off the device before cleaning and disconnect it from the power supply.

Device

Cleaning the device

NOTE

DAMAGE TO THE DEVICE

Incorrect cleaning can result in damage to the device.

- Don't use any aggressive or abrasive cleaning agents.



We recommend the Bazillol AF (Article no. 9220.310).

To clean the device:

1. Clean the device regularly with an aldehyde-based disinfectant.
2. Clean the device housing with a soft sponge cloth.
3. Ensure that no liquid gets into the device housing.

Then the device housing is cleaned.

Scalable handpiece

Cleaning the scalable handpiece

To clean the scalable handpiece:

1. Unscrew the IONTO-MESO pad.
2. Disinfect the scalable handpiece with a surface disinfectant or disinfectant wipes suitable for surface disinfection.

This completes cleaning of the scalable handpiece.

Fault, Finding and Solutions

Fault	Cause	Solution
The device does not work.	The power cord is not connected properly.	Check the power cord connection. The plugs must be inserted firmly.
	The main switch on the back of the device isn't turned on.	Turn the mains switch on the back of the device on.

Our customer service is available at +49 721 9770-666 to help you in case of malfunctions or difficulties disassembling or assembling the device.

Transport/storage/operating conditions

Transport and storage temperature:	-20 °C to +50 °C
Operating temperature:	+10 °C to +40 °C
Relative humidity:	max. 90 %, non-condensing

Avoid rapid temperature changes due to the potential for condensation to form in the machine.
Only place the device into operation after it has reached the ambient temperature.

Only transport the device in the manufacturer's original packaging.

Disposal

Keep the original packaging in case the device needs to be transported in the future.

Please dispose of the packaging, the device and accessories in an environmentally friendly manner at corresponding collection sites. Dispose of used micro abrasion crystals and used air filters according to the sanitation regulations. All electrical and electronic equipment must be disposed of separately from the general household waste.



If this symbol showing a crossed out garbage can is found on a product, then this product is subject to the European directive 2002/96/EC and must not be mixed with conventional household waste. Separate collection systems exist for these products.

Proper disposal and separate collection of old devices helps to prevent potential damage to the environment and health hazards. It is necessary in order to reuse and recycle used electrical and electronic devices.

Scope of delivery

Number Article name

1 x	IONTO-MESO SL
1 x	scalable handpiece
1 x	IONTO-MESO Pad

Accessories

Article number Article name

8433.201	scalable handpiece
8433.101	IONTO-MESO Pad, disposable article, 8 pieces
8433.102	Steel needle for the MESO SL MODUL, disposable article, 8 pieces
8826.1	Universal handpiece holder
1800.A008	Customer information sheet, 25 pieces
9136	Silversensitive Enzyme Peeling
8433.143	Anti-Aging Hyaluron Gel, 30 ml
8433.141	Final care cream, 30 ml



Steel needles can only be ordered by cosmeticians, alternative practitioners and doctors who have completed Professional Training Microneedling.

Technical Data

Article number:	8826.8434
Voltage:	230 Volt / 50 – 60 Hz
Power consumption:	22 W
Protection class:	II
Dimensions (W x D x H) in cm:	19 x 66 x 17,3
Weight:	ca. 1 kg

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