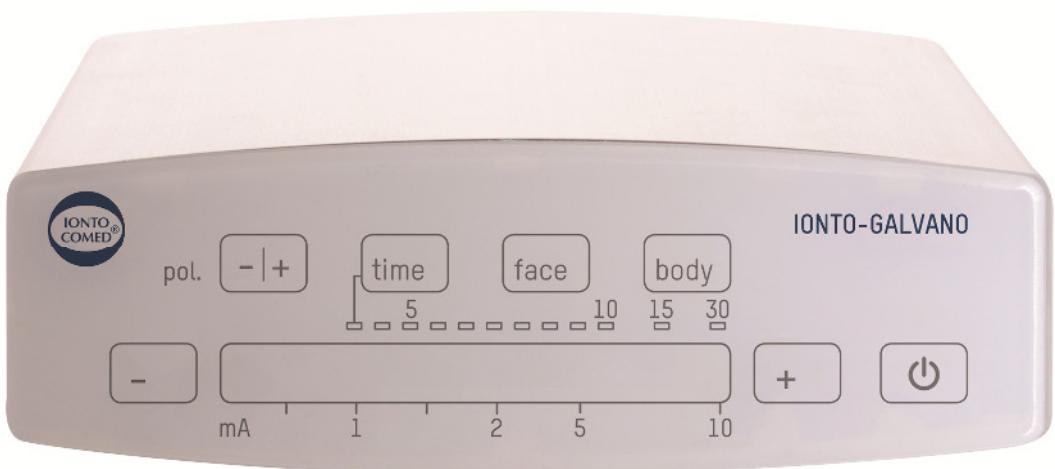




# OPERATING INSTRUCTIONS

## IONTO-GALVANO®

Art. No. 8826.8120



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# General safety instructions

- Before using the device for the first time, you must read the operating instructions carefully. They contain important safety instructions for setting up, operating and maintaining the device.
- The device may only be opened by the manufacturer or by personnel authorised by the manufacturer unless explicitly indicated in these instructions.
- Check the voltage (V) shown on the type plate. The voltage indicated must correspond to that of your power supply. Only then should you connect the device to the mains.
- The device must not be used if the mains power cable is damaged.
- Do not jam or kink the power cable and do not allow it to rest on any hot object, e.g. a radiator or lamp!
- If you notice that the power cable is damaged, switch the device off immediately. Disconnect it from the mains power supply. Contact our customer service department. Do not use the device again until you have received further information from the customer service department.
- Never remove the power cable from the mains socket with wet hands. Do not remove the plug from the mains socket by pulling the power cable.
- Always remove the plug from the mains socket before cleaning the device, reaching inside the device or replacing a fuse.
- Should any liquid or foreign body enter the inside of the device, disconnect the device from the power supply immediately! Contact our customer service department. Do not use the device again until you have received further information from the customer service department.
- Never use the device in damp surroundings. Do not splash or immerse the device in liquid.
- The device is not suitable for use by children or people with reduced physical, sensory or mental capacities or a lack of experience or knowledge.
- Switch all mobile telephones off completely that are in the immediate vicinity during treatment.

## Further instructions

- The operating instructions are designed to ensure the safe use of the device. You should therefore always keep the operating instructions for future consultation. Keep it close to the device so that it is accessible for every user.
- The product and the instructions are designed for trained beauticians.
- These instructions cover the operation of functions which might only be available with optional equipment.
- If the device has been transported, give it time to adjust to the ambient temperature before using it.
- Only use original accessories.
- Once the device has been unpacked, check the contents using the delivery slip to ensure that all parts have been included and that nothing has been damaged. If in doubt contact our customer service department.
- If the device has ventilation shafts, these must never be covered. Never cover the device and never build the device into a compartment.
- If the device is used for any purpose other than that for which it was designed and as described in these operating instructions, the manufacturer's warranty and guarantee will be invalidated.

# Contraindications

In general, do not use IONTO-GALVANO with the GALVANETICS method in the event of any of the following indications:

General contraindications

- Heart disease
- Pregnancy
- Cancer and tumours or suspicion of (malignant) tumours
- Tetany (spasmodic muscle cramps)
- Feverish illness
- Embolisms
- Diseases of the nervous system
- Skin diseases such as rosacea, neurodermatitis and psoriasis (as phases could generally be triggered by a stimulating treatment)

Generally contraindicated treatment areas

- on inflammations, open wounds
- in the area of metallic implants
- eyes and eye lids
- do not perform trans-temporal treatment (from temple to temple)
- thyroid
- gonads (breast, ovaries)
- do not perform intracorporeal work (in body cavities)
- do not perform trans-thoracic treatment (through the thorax)

Additional contraindications for throat and neckline treatments:

- heart pacemaker

Additional contraindications for body treatments:

- thrombosis, varicose veins, inflamed veins
- Implanted insulin pumps

**If in any doubt, seek qualified medical advice.**

# Meaning of notes and symbols

## Warnings

### ⚠ DANGER

This is a warning indicating a direct danger which leads to death or serious injury.

- *This is a text, which remedies the situation.*

### ⚠ WARNING

This is a warning indicating a possible danger may lead to death or serious injury.

- *This is a text, which remedies the situation.*

### ⚠ CAUTION

This is a warning indicating a possible danger may lead to mild or slight injury.

- *This is a text, which remedies the situation.*

## NOTES

### NOTE

This is a text which identifies possible product damage.

### ⓘ INFO

This is an info text containing helpful information.

## Arrow types



This is a motion arrow. It indicates independent motion of the product.



This is an action arrow. It indicates a motion or direction of movement which you should make.

# Field of use

The IONTO-GALVANO is an iontophoresis device. It is used to ensure the efficient infiltration of active substances into deeper layers of the skin. The skin is also massaged using the GALVANETICS method. The GALVANETICS hand pieces demonstrate an extremely high conductivity and are therefore indispensable for efficient infiltration.

When used with a foot bath, the IONTO-GALVANO helps treat tired and cold feet and is used in the event of excessive sweating in the foot area (galvanic foot bath).

# Description

## Device housing and front display

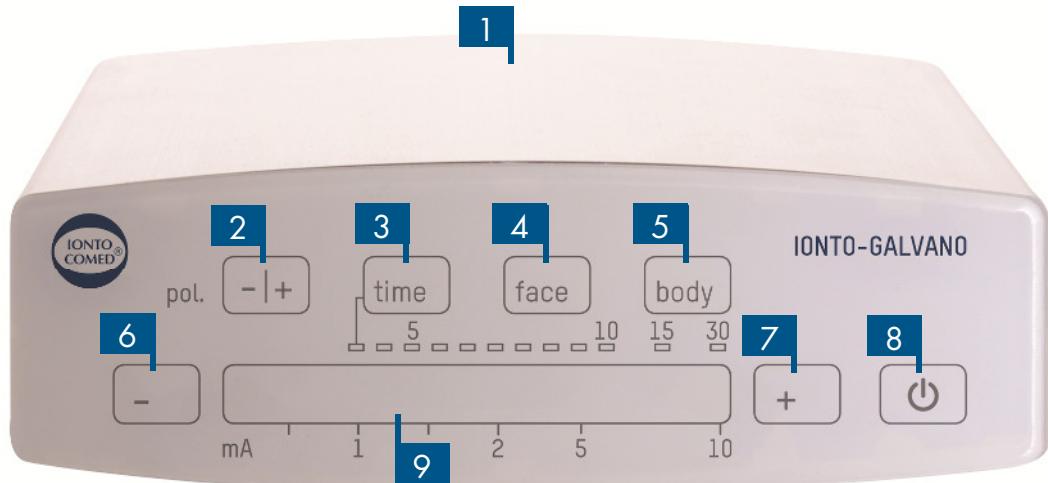


Fig. 1: Device housing

(1) Housing	(2) Switch polarity
(3) Set time	(4) Configure facial treatment
(5) Configure body treatment	(6) Reduce intensity (in mA) or time
(7) Increase intensity (in mA) or time	(8) Switch device on or off / Start or end treatment
(9) Slider with intensity display	

## GALVANETICS

### INFO

GALVANETICS and connection cable are not included in the scope of delivery, but must be ordered as an accessory.



(10) GALVANETICS hand piece

(11) GALVANETICS CARBON SILICOE electrode

(12) Optional hand piece holder

Fig. 2: GALVANETICS

## Installation

### Device

#### Setting up the device

The place in which the IONTO-GALVANO is set up must satisfy certain requirements. To ensure that the device is correctly installed:

- Place the device on a firm, level and heat-resistant surface.
- Do not place the device on a hand towel or blanket.
- Ensure that the ventilation openings are unobstructed and not covered.
- If you own several IONTO Essential Line devices, you can stack up to 3 devices on one another.

The device is now in an appropriate location.

#### Connecting the device to the mains power supply

To connect the device to the mains power supply:

1. Plug one end of the mains cable into the socket at the rear of the device.
2. Plug the other end of the power cable into a power socket.

The device is now supplied with electricity.

## GALVANETICS

You need two GALVANETICS for a treatment. These can be ordered separately as accessories.

### Connecting the GALVANETICS to the device

To connect the GALVANETICS to the device:

1. Connect the transmission cable (available as an accessory) with the black plug connection to one of the GALVANETICS.
2. Connect the transmission cable with the red plug connection to the other GALVANETIC.
3. Plug the other end of the transmission cable into the black socket at the rear of the device.

The GALVANETICS are now connected to the device.

## Operation

### Device

#### Switching the device on

To switch the device on:

1. Switch the main switch on the back of the device to position **I**. The device is now in standby mode.
2. Keep the on/off button (8) depressed for 2 seconds.

The device is now switched on and the button illumination is active.

#### Putting the device in standby mode or switching off

You have the option of switching the device off completely or of putting it in standby mode. In the standby mode, the device is ready for use more quickly when you want to switch it on again. This is how to put the device in standby mode or switch it off:

1. To put the device in standby mode, keep the on/off button (8) depressed for 2 seconds.
2. To switch the device off completely, switch the main switch at the rear of the device to position **O**.

The device is now in standby mode or switched off.

## Treatment settings

### Setting the polarity

After switching the device on, the polarity is set to negative (-) as standard.

- If you are using the GALVANETICS Ultimate Youth Serum as a treatment product, swap both GALVANETICS hand pieces as soon as half of the treatment time as elapsed.

However, if you are using other active ingredient preparations, this is how to change the polarity:

1. To change the polarity, press the polarity button (2).
- In the event of negative polarity, the minus (-) sign lights up.
- In the event of positive polarity, the plus (+) sign lights up.

The polarity is now set.

### Configuring facial treatment

For a facial treatment, an intensity of 0 to 2 mA is possible. To configure a facial treatment:

- Press the facial treatments button (4).

The treatment time is pre-set to 5 minutes. The intensity is pre-set to 0 mA.

### Configuring body treatment

For a body treatment, an intensity of 2 to 10 mA is possible. To configure a body treatment:

- Press the body treatments button (5).

The treatment time is pre-set to 10 minutes. The intensity is pre-set to 2 mA.

### Setting the treatment time



Please note that the LEDs on the front display are not correctly labelled for the B-goods series. The "5" label should be above the 5th LED from the left. Up to and including 10 minutes, 1 LED stands for 1 minute.

You can set the treatment time to between 1 minute and 30 minutes. To configure the treatment time:

1. Press the treatment time button (3).
  - To increase the time, press the (+) button (7) or slide your finger to the right on the surface of the slider (9).
  - To reduce the time, press the (-) button (6) or slide your finger to the left on the surface of the slider (9).
2. To confirm the time setting, press the treatment time button (3). You cannot begin the treatment before doing this.

The treatment time is now set.

## Setting the intensity before treatment

### ⚠ CAUTION

Possible injury to the heart. This leads to impairment of the heart function.

- *Place the hand pieces on the body such that the current does not flow beside the heart on its path from hand piece to hand piece.*

### ℹ INFO

- *The current actually flowing varies depending on the part of the body and the type of movement of the hand piece.*
- *Do not increase the intensity before you have placed both hand pieces on the customer.*
- *The only increase the intensity once you have begun the treatment.*

If the facial treatment is active, you can set the intensity to between 0 and 2 mA. If the body treatment is active, you can set the intensity to between 2 and 10 mA. Before beginning the treatment, the intensity for facial treatments must be set to 0 mA and for body treatments to 2 mA. This is how to set the intensity before the treatment:

1. To reduce the intensity, press the (-) button (6) or slide your finger to the left on the surface of the slider (9) until the value of 0 is obtained for facial treatments and 2 for body treatments.

The intensity is not set to 0 mA or 2 mA.

## Beginning the treatment

### ⚠ CAUTION

Possible injuries in the event of incorrect use. These lead to pains or burns.

- *During the treatment, do not remove the hand pieces from the skin of the customer.*

To begin the treatment:

1. Ensure that you have implemented the previous section "Setting the intensity before treatment".
2. Using one hand, place both GALVANETICS hand pieces on the skin of the customer while applying light pressure.
  - For facial treatments, place them on the cheek.
  - For body treatments, place them on the part of the body to be treated.
3. Press the on/off button (8).
  - Depending on whether you are performing a facial or body treatment, the facial or body treatment button flashes.
4. Gradually increase the intensity until the customer feels a slight electrical sensation.
  - To increase the intensity, press the (+) button (7) or slide your finger to the right on the surface of the slider (9).

5. Then, reduce the intensity by a level until the stimulus felt disappears. This enables you to obtain the sensitively subliminal level.
  - To reduce the intensity, press the (-) button (6) or slide your finger to the left on the surface of the slider (9).

The treatment begins and the treatment time counts down. With each minute elapsed, an LED goes out on the time display. When all the LEDs have gone out and the time has elapsed, an audible signal is triggered. The intensity can be modified during a treatment.

 **INFO** The current value that the customer perceives may vary during the treatment. This is because the skin is a living medium with blood circulation and variable water and fat content which does not have constant electrical conductivity.

 **INFO** If the electrical sensation increases and becomes unpleasant, you can lower the intensity to obtain a sensitively subliminal electrical sensation.

## Ending the treatment

To end the treatment:

- Press the on/off button (8). The device triggers and audible signal.

The treatment stops. The remaining treatment time remains set.

 **INFO** After the treatment, you can perform a massage or apply a mask.

## Regular maintenance and inspections

The device requires no maintenance if used correctly.

Repairs may only be performed by trained persons authorised by the manufacturer. Any alterations or repairs performed by non-authorised persons will invalidate any guarantee, warranty and liability of the manufacturer.

# Cleaning and care

## ⚠ WARNING

Danger of electric shock. This can cause fatal injuries.

- *Switch the device off and pull the mains plug from the socket before cleaning!*

## Housing

### Cleaning

#### NOTE

It is possible to damage the device through improper cleaning and care. This can cause damage to the housing.

- *Do not use any aggressive or scouring cleaning agents.*

To clean the device housing:

- Clean the device regularly using an aldehyde-based disinfectant.
- Clean the housing of the device with a soft sponge cloth.
- Ensure that no liquid seeps into the interior of the device.

#### ⓘ INFO

We recommend pure Dismozon (art. no. 9220.710) as a disinfectant.

The device housing is now clean.

## GALVANETICS

#### NOTE

It is possible to damage the electrodes through improper cleaning and care. This can cause damage to the electrodes.

- *In the event of an ultrasonic bath, you must not use any instrument disinfection for steel instruments.*

### Cleaning

How to clean the GALVANETICS hand pieces and electrodes:

1. Disconnect the black electrode from the GALVANETICS hand piece by turning it.
2. Disinfect the white GALVANETICS hand piece using a disinfectant wipe or spray.
3. Disinfect the black electrode using a disinfectant wipe or spray or ultrasonic disinfection.
4. If necessary, sterilise the black electrode.

The GALVANETICS hand pieces are now cleaned.

# Fault finding and solutions

Fault	Cause	Solution
Device does not function.	Mains cable not correctly connected.	Check connection of the mains cable The plug must be firmly inserted.
	The main switch at the rear of the device is not switched on.	Switch the main switch on at the rear of the device.

In the event of malfunctions or difficulties in assembling/disassembling the device, please contact our customer service on 0721-9770-666.

## Transport / storage / operating conditions

Transport and storage temperature: -20 °C to +50 °C

Operating temperature: +10 °C to +40 °C

Relative air humidity: max. 90%, non-condensing

To avoid the formation of condensation, abrupt changes of temperature should be avoided. Wait until the device has acclimatised to the ambient temperature before using it.

Only transport in the manufacturer's original packaging.

## Disposal

Keep the original packaging for use when transporting the device.

Dispose of the device itself, packaging and accessories in an environmentally-friendly manner in the appropriate disposal points. Dispose of used crystal sand and used air filters in accordance with hygiene regulations.

All electrical and electronic devices should be disposed of separately from general household waste.



This crossed-out wheeled bin symbol on the product means a product is covered by European Directive 2002/96/EC and should not be mixed with general household waste. A separate collection system exists for these products.

The correct disposal and separate collection of your old appliance will help prevent potential negative consequences for the environment and human health. It is a precondition for reuse and recycling of used electrical and electronic equipment.

# Scope of delivery

Number Article number Article name

1	8826.8120	IONTO-GALVANO
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## Accessories

Article number Article name

8826.1	Universal hand piece holder
8435.201	Coiled cable pair, white
8242.3	GALVANETICS set (2 x GALVANETICS, 1 x GALVANETICS treatment instructions, 1 x GALVANETICS Ultimate Youth Serum)
8242.4	GALVANETICS Ultimate Youth Serum, 125 ml
9223.90	Super-Clean ampoules, 10 x 2 ml

## Technical data

Article number:	8826.8120
Voltage:	230 Volt / 50 – 60 Hz
Power consumption:	13 VA
Output current:	Max. 10 mA
Output current facial treatment:	0 – 2 mA ± 10%
Output current body treatment:	2 – 10 mA ± 10%
Protection class:	II
Dimensions (W/D/H) in mm:	184 / 173 / 61
Weight:	1.1 kg

**CE**  
**EG-KONFORMITÄTSERKLÄRUNG /**  
**DECLARATION OF CONFORMITY**

gemäß den Bestimmungen der EG-Richtlinie über /  
in accordance with the EU-Directives for

Elektromagnetische Verträglichkeit 2014/30/EU /  
Electromagnetic Compatibility Directive 2014/30/EU

Elektrische Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen  
2014/35/EU / Low Voltage Directive 2014/35/EU

Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und  
Elektronikgeräten 2011/65/EU /  
Restriction of Hazardous Substances Directive 2011/65/EU

Hersteller / Manufacturer:  
Adresse / Address:

**IONTO Health & Beauty GmbH**  
**Greschbachstraße 3**  
**D-76229 Karlsruhe**

Hiermit bestätigen wir, dass das Produkt /

We hereby certify that the product

Geräteart /  
Purpose of equipment: Universalgerät zur Gesichts- und Körperbehandlung /  
Universal Appliance for Face and Body Treatment

Gerätetyp / Type of equipment: **IONTO-Galvano**

Artikelnr. / Article no: 8826.8120

mit oben genannten EG-Richtlinien übereinstimmt /  
is in accordance with the EU Directives mentioned above.

Karlsruhe, 01/07/2016

**IONTO Health & Beauty GmbH**  
Geschäftsführer /  
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