



OPERATING INSTRUCTIONS

IONTO-SKIN ABRASION

Art.-No. 8330



© IONTO Health & Beauty GmbH 2018
IONTO Health & Beauty GmbH
Greschbachstrasse 3
D-76229 Karlsruhe
Telefon +49 721 9770-0
Telefax +49 721 9770-290
Email: info@ionto.de
<http://www.ionto.de>

Contents

Contents -----	3
Safety Instructions -----	5
Contraindications-----	6
Fields of Use -----	8
Control Elements and Connections-----	9
IONTO-SKIN ABRASION Comfort-----	9
Control panel -----	10
Premium-Handpiece-----	11
Installations -----	12
IONTO-SKIN ABRASION Comfort-----	12
Setting the device-----	12
Handpiece -----	12
Connect the Handpiece-----	12
Fresh-crystals container-----	13
Filling the fresh-crystals container with crystal sand-----	13
IONTO-SKIN ABRASION Comfort-----	13
Setup Settings -----	13
Language Setting -----	13
Delete the individual treatment programs -----	14
Valve-----	15
Valve test -----	15
Operation -----	17
IONTO-SKIN ABRASION COMFORT-----	17
Switch the device ON -----	17
Settings -----	18
Set the VACUUM -----	18
Set the crystal amount (DOSE)-----	19
IONTO-SKIN ABRAION Comfort-----	19
Set the standby mode -----	19
Switch the device OFF-----	19
Used-crystals container -----	20
Empty the used-crystals container-----	20
Working with different treatment programs -----	20
Program "MAN"-----	21
Program „PROG“-----	21
Program „USER“-----	22
IONTO-SKIN ABRASION Comfort-----	23
Calibrating the device-----	23

Cleaning and Care	24
IONTO-SKIN ABRASION COMFORT	24
Cleaning the device	24
Handpiece	24
Cleaning the Handpiece	24
Used-crystals container	25
Cleaning the used-crystals container	25
Fresh-crystals container	26
Repairs and Maintenance	28
Air filter in the used-crystals container	28
Renewing the air filter in the used-crystals container	28
Handpiece cap seals	29
Renewing the Handpiece cap seals	29
Clearing blockages in the crystals sand supply	29
Clearing blockages in the crystal sand supply with the self-cleaning function	29
Fuses	30
Replacing the fuses	30
Fault, Finding and Solutions	32
Transport/storage/operating conditions	33
Disposal	33
Delivery Contents	34
Accessories	34
Spare-Parts List	35
Technical Data	36



Safety Instructions

INFO

The IONTO-SKIN ABRASION Comfort is hereinafter referred to as the device.

- Carefully read this instruction manual before using the device and ensure that all directions and instructions contained are fully understood. It includes important safety information for setting-up, operation and maintenance.
- If the device is used for any purpose other than that for which it was designed and as described in this instruction manual, such use will invalidate the manufacturer's warranty and guarantee!
- The device may only be opened by the manufacturer or by an expert authorised and approved by the manufacturer.
- When the device is unpacked, check the contents of the delivery to ensure that all parts have been included and that nothing has been damaged during transit. In the event of any doubt, please contact our customer service department.
- Never use with a damaged mains power supply cable. Do not jam or kink the cable and do not allow it to rest on any hot object (e.g. radiator, lamp, etc.).
- Should any damage to the mains cable be found, switch OFF immediately and disconnect from the power supply. Before further use please consult our customer service department.
- Installation must be made according to the manufacturer's directions. Incorrect installation could result in damage to persons or property in which case the manufacturer cannot be held responsible.
- Before connecting to the mains power supply, ensure that the voltage (V) shown on the type plate corresponds with the power supply available.
- Under no circumstances may the mains plug be removed from the socket with wet hands.
- Never attempt to remove the plug by pulling the connecting cable.
- Do not use in damp surroundings, nor splash or immerse in liquid.
- Should any liquid or foreign body enter the inside of the device, immediately switch OFF and disconnect from the mains power supply. Before further use consult our customer service department.
- Before starting work, allow the device to adjust to the ambient temperature.
- Always isolate from the power supply by disconnecting the mains plug before cleaning or replacing a fuse.
- For hygienic reasons, protective gloves should be worn!
- When performing facial treatment, the eyes of the client must be covered to avoid any possible irritation from the crystal sand.
- Never concentrate treatment on one particular area of skin for a prolonged period of time, otherwise damage to the skin tissue could result.
- The crystal sand may only be used once.

- The containers for crystal sand must be empty before transportation.

Contraindications

 **INFO**

In the event of any doubt, consult a dermatologist.

 **INFO**

We recommend to avoid microabrasion during pregnancy and lactation because the skin is more sensitive at this time.

The hormonal change can obstruct the treatment success.

 **INFO**

For detailed information read the Treatment Manual.

 **INFO**

Generally only treat healthy people!

Never treat the medical conditions listed below:

- for herpes (we recommend clients who are prone to herpes to begin a herpes prophylaxis)
- extensive teleangiectasia (advantages / disadvantages have to be weighed up)
- for couperose, rosacea
- for cancer and tumours
- for neurodermatitis and psoriasis
- at warts, liver spots, birthmarks
- keloids, hypertrophic scars (which appear shortly after the wound healing or in the meantime)
- if cortisone, glucocorticoid is taken
- if anti acne medicaments are taken (as e.g. Roaccutan) and twelve months after
- for diseased, inflammatory skin, or rather at skin lesions, which are caused by bacteria, mycoses or viruses
- active bacterial or viral infections, fever
- autoimmune disease
- unstable diabetic patients
- after a chemical peeling, peeling cure, wait at least 14 days
- after aesthetic surgery, after consultation with a doctor
- subcutaneous injection

- To avoid pigmentary shifting, it is for Fitzpatrick skin type IV-VI (Indian / African) not recommendable to have a deep microabrasion
- leave out the areas around the eyes and lips
- intake of marcumar
- constant intake of aspirin

Fields of Use

The IONTO-SKIN ABRASION COMFORT is an electrically operated device with self-cleaning function for cosmetics.

All functions are clearly shown on a display.

A total of five pre-set treatment programs are available. The device provides a memory facility for saving individual used settings.

IONTO-SKIN ABRASION COMFORT directs a stream of crystals onto the skin, which gently remove microscopically small, damaged skin cells.

A VACUUM then sucks off the crystals and skin particles together and transports them to a separate “waste bin”.

Micro-abrasion is a modern, effective method of skin peeling. Controlled and gentle removal of the dead cell material gives the skin a signal for rapid regeneration, i.e. encourages the production of new cells.

The fresh, undamaged cells wander upwards to the skin surface where they steadily replace the cell material, which has been removed. This process forms new, healthy skin, which is prepared to absorb the ingredients of active care products, as well as having a fresh and healthy appearance.

Skin problems such as scar tissue, wrinkles, large pores and dark pigment patches can be safely and successfully treated.

Control Elements and Connections

IONTO-SKIN ABRASION Comfort



Fig. 1: IONTO-SKIN ABRASION COMFORT

1	Handpiece tray	2	Control panel
3	Pipe connectors	4	Handpiece
5	Glass head	6	Fresh-crystals container
7	Used-crystals container		

Control panel

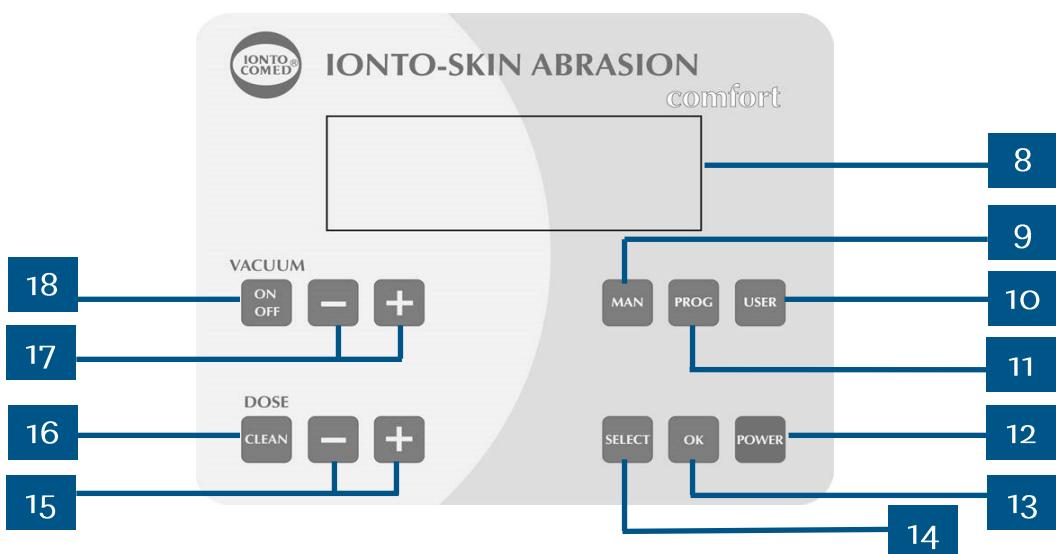


Fig. 2: Control panel

8	Display	9	MAN key (manual treatment modus)
10	PROG key (five pre-set treatment programs)	11	USER key (frequently used work settings)
12	POWER key	13	OK key
14	SELECT key	15	Crystal amount (DOSE) increase or decrease
16	CLEAN key (self-cleaning function)	17	VACUUM increase or decrease
18	Switch the VACCUM ON/OFF		

Premium-Handpiece



Fig. 3: Premium-Handpiece

19

Handpiece nozzle

21

Handpiece

20

Handpiece cap

Installations

IONTO-SKIN ABRASION Comfort

INFO

We recommend IONTO-COMED Crystal Sand MIKRO and MACRO (art. no. 8239.2, 8239.11).

These products have been tested for use with your device.

Use of any other product will invalidate the guarantee.

Setting the device

To set the device up correctly:

- Place the device on a firm and level surface which is inured to heat.
- Do not stand on a towel or blanket.
- The ventilation openings in the underside of the housing must be kept free.

The device is situated properly.

Handpiece

Connect the Handpiece

To connect the Handpiece:

1. Insert the black pipe into the left black pipe connector **3** up to the white mark.
2. Insert the transparent pipe into the right transparent pipe connector up to the white mark.
3. Unscrew and remove the Handpiece cap.
4. Insert the glass nozzle **5** into the Handpiece opening.
5. Screw the Handpiece cap onto the Handpiece.
6. Mount the glass head with the larger opening onto the Handpiece cap.
7. Put the Handpiece in the Handpiece holder **1**.

The Handpiece is connected.

Fresh-crystals container

Filling the fresh-crystals container with crystal sand

To fill the fresh-crystals container with crystal sand:

1. Raise the lid of the fresh-crystals container **6**.
2. Turn the fresh-crystals container anticlockwise as far as possible.
3. Remove the fresh-crystals container.
4. Fill the fresh-crystals container with crystal sand.
5. Clean the fresh-crystals container insert with a brush to ensure that no crystal sand remains.
6. Put the container into the groove again.
7. Turn the fresh-crystals container clockwise as far as possible.
— Container is locked in position again.
8. Lower the lid.

The fresh-crystals container is filled with crystal sand.

IONTO-SKIN ABRASION Comfort

Connect the device to the mains power supply

To connect the device to the mains power supply:

- Connect the mains cable to the mains socket on the rear of the device.
- Connect the cable to the mains power supply.

The device is now ready for use.

Setup Settings



INFO

The menu allows to choose the required language and to delete all individual stored treatment programs (1-5).

Language Setting



INFO

The pre-set language is German and can be individually selected.

To set the Language:

1. Switch the main switch on the rear of the device to OFF, position **<○>**.
2. Press the OK key **13**.

3. Keep the key pressed.
4. Switch the main switch on the rear of the device to ON, position <1>.
5. Release the OK key.
 - The display will show the setup menu.
6. Press the OK key to select a language.
7. Press the SELECT key **14** to select the required language.
8. The selected language is flashing.
9. Press the OK key to confirm your selection.
 - The display will show the message „stored“.
10. Press the SELECT key several times until the display will show the message „exit setup menu, press OK“ (see Fig. 4).
11. Press the OK key to exit the setup menu.
12. Press the SELECT key to return to the beginning of the setup menu.

The Language is set.

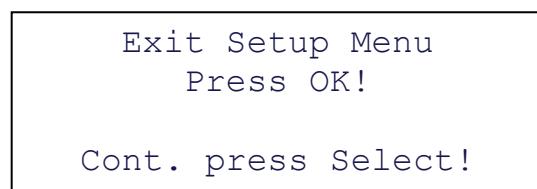


Fig. 4: Notice at the Display

Delete the individual treatment programs



INFO You can store 5 individual treatment programs on the device.

All individual stored treatment programs can be deleted.

To delete the individual treatment program:

1. Switch the main switch on the rear of the device to OFF, position <0>.
2. Press the OK key **13**.
3. Keep the key pressed.
4. Switch the main switch on the rear of the device to ON, position <1>.
5. Release the OK key.
 - The display will show the setup menu (see Fig. 5).
6. Press the SELECT key **14** to get to the submenu „delete client values“ (see Fig. 6).
7. Press the OK key to get to the submenu „delete client values“.
8. Press the SELECT key to select „Yes“ (see Fig. 7).
9. Press the OK key to confirm your selection.

- The display will show the message „client values deleted“.
10. Press the SELECT key.
- The display will show the message “exit the setup menu“ (see Fig. 8)
11. Press the OK key to exit the setup menu.
12. Press the SELECT key to return to the beginning of the setup menu.

The individual treatment program is deleted.

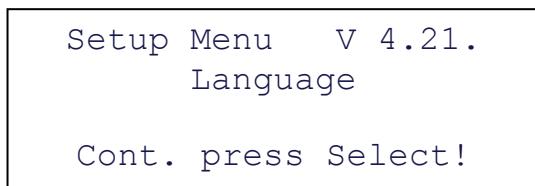


Fig. 5: Setup Menu
Language

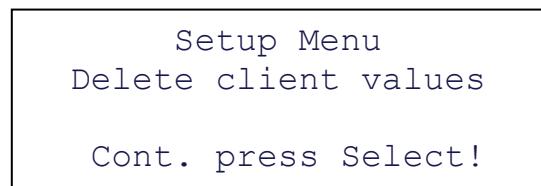


Fig. 6: Setup-Menu

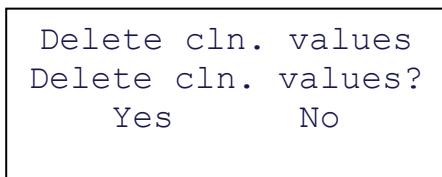


Fig. 7: Client values

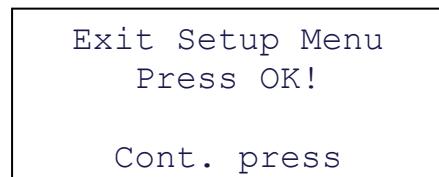


Fig. 8: Notice

Valve

Valve test

You can test the device and have the true vacuum values shown in the display.

To test the Valve test:

1. Switch OFF the device at the main switch on the back of the device, position <O>.
 2. Press the OK key **13**.
 3. Press and hold this key.
 4. Switch on the main switch on the back of the device, position <I>.
 5. Release the OK key.
- The setup menu appears in the display.
6. Set the desired language as described under "Display Language Setting" in step 1.
 7. Press the SELECT button **14** to select the "Valve test" submenu (see Fig. 10).
 8. Press the OK key to access the "Valve test" submenu (see Fig. 11).
- After approx. 5 seconds, the dose and vacuum values appear on the display (see Fig. 12).

- With the (+/-) buttons of the vacuum and dose, you can manually adjust the valves from minimum to maximum (closing position).
 - The left values indicate the valve positions from 0 to 150.
 - The right values show the vacuum values associated with the settings in "mbar".
9. Press the OK button to exit the "Valve test" submenu.
10. After 6-8 seconds the display shows the following (see Fig. 13).
11. Press the SELECT button.
- The message "Exit setup menu" appears in the display (see Fig. 14).
12. Press the OK button to exit the setup menu.
13. Press the SELECT button to return to the beginning of the setup menu.

The Valve test is tested.

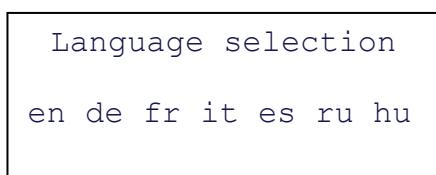


Fig. 9: Language selection

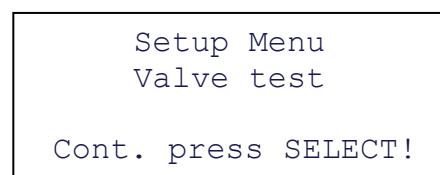


Fig. 10: Setup Menu

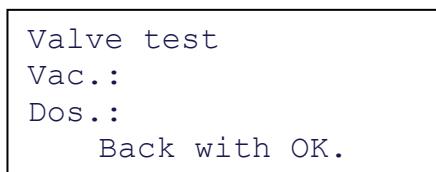


Fig. 11: press the OK key for
the Valve test

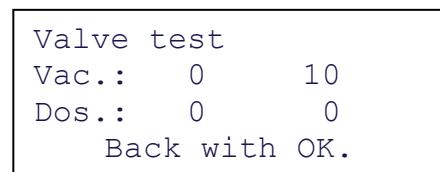


Fig. 12: valves of the
VACUUM and the DOSE

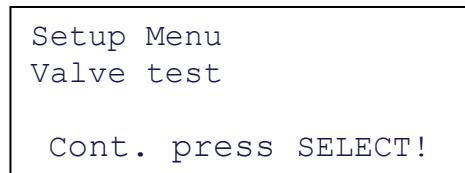


Fig. 13: leave the Valve test
with the Ok key

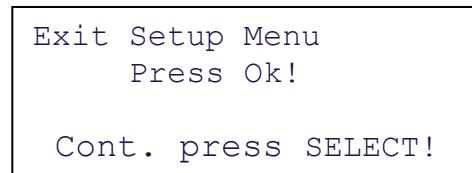


Fig. 14: leave the setup menu

Operation

Observe the safety instructions and notes to avoid injury to persons and damage to the device.

IONTO-SKIN ABRASION COMFORT

INFO

A VACUUM can only be created and set when the system is closed. For this, the Handpiece for example is held with the glass head on a plastic sheet. During that, no air should be drawn in at the side.

Switch the device ON

To switch the device ON:

1. Switch the main switch on the rear of the device to ON, position <1>.
 - The device name and the program version will be shown on the display.
 - Each time the device is switched ON, it automatically performs a self-test and calibration.
2. Keep the glass head opening closed.
3. Press the OK key **13**.
 - „Self-test: open Handpiece“ will appear on the display.
4. Keep the glass head **5** opening open.
 - Following completion of a successful self-test the message „system ok“ will appear on the display!
 - The manual treatment mode (MAN) starts to set VACUUM (VAC) and dose (DOS).
 - Furthermore, there is an option to start a calibration (C) (see page 23).
 - A timer which counts up the treatment time is starting.

The device is switched ON.



Fig. 15: device name with the version number

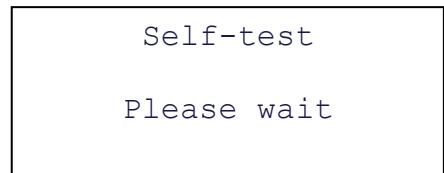


Fig. 16: Self-test

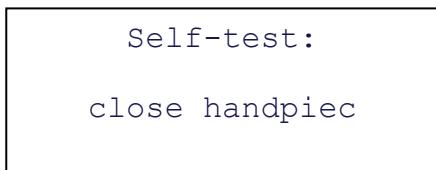


Fig. 17: closing the handpiece

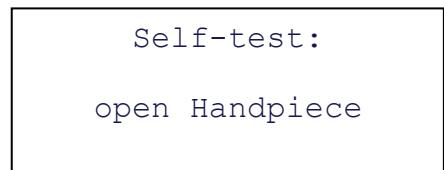


Fig. 18: opening the handpiece

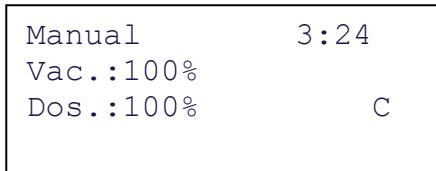


Fig. 19: Manual treatment modus

Settings

Set the VACUUM

To set the VACUUM:

- Press the ON/OFF key **18** to switch the VACUUM ON.
- Press the (+) key **17** to increase the VACUUM intensity.
- Press the (-) key **17** to decrease the VACUUM intensity.
- Press the ON/OFF **18** key to switch the VACUUM OFF.

The VACUUM ist set.

Set the crystal amount (DOSE)

INFO

In order to achieve the optimum abrasion effect and the maximum suction power, the VACUUM and the dose must be set to maximum.

The dose should be reduced until no more sand remains on the skin (at 100% VACUUM and approx. 50-55% dose).

Never set a higher dose and smaller VACUUM.

The dose must always be smaller than the VACUUM!

To set the crystal amount:

- Press the (+) key **15** to increase the required quantity of crystals, which is applied onto the skin.
- Press the (-) key **15** to decrease the required quantity of crystals, which is applied onto the skin.

The crystal amount is set.

IONTO-SKIN ABRAION Comfort

Set the standby mode

To set the device into the standby mode:

1. Press the POWER key **12** to put the device into standby mode.
 - Timer will be reset to zero.
2. Press the POWER key again to put the device into operation.
 - Timer restarts to count up the treatment time.

The standby mode is set.

Switch the device OFF

INFO

The unit should be cleaned every evening after use and before switching it OFF to minimize the risk of clogging (see chapter "Cleaning and Care").

To switch the device OFF:

1. Switch the main switch on the rear of the device to OFF, position <o>.
 - Timer will be reset to zero.
2. Put the Handpiece in the Handpiece tray **1**.

The device is switched OFF.

Used-crystals container

Empty the used-crystals container



INFO

The unit should be cleaned every evening after use and before switching it OFF to minimize the risk of clogging (see chapter "Cleaning and Care").



INFO

In order to maintain the correct abrasion effect, the used-crystals container should be emptied when it is $\frac{3}{4}$ full.

Due to reasons of hygiene, the crystal sand may not be re-used.

To empty the used-crystal container:

1. Switch the device OFF.
2. Raise the lid of the used-crystals container **7**.
3. Unscrew the used-crystals container anticlockwise.
4. Dispose of the used crystal sand.
5. Clean the thread on the used-crystals container.
6. Lid the seal with a brush to ensure that no crystal sand remains.
7. Re-mount the used-crystals container clockwise.
8. Screw it into place.
9. Switch the device ON.
10. Set the required quantity of crystals, which is applied onto the skin with the dose (+/-) key.

The used-crystal container is emptied.

Working with different treatment programs

You can always switch between the programs MAN, PROG, USER.

It is possible to change the VACUUM (VAC) and dose (DOS) in all programs. The program mode „Manual“ starts after modification.

A calibration (C) can be performed during each program run to ensure the internal measuring accuracy.

Program “MAN”

The parameters VAC and DOS can be set manually.

To set the program:

1. Press the MAN key **9**.
2. Press the (+) key **17** to increase the VACUUM intensity.
3. Press the (-) key **17** to decrease the VACUUM intensity.
4. Press the (+) key **15** to increase the required quantity of crystals, which is applied onto the skin.
5. Press the (-) key **15** to decrease the required quantity of crystals, which is applied onto the skin.

The Program is set.

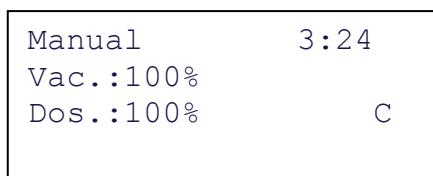


Fig. 20: Program Manual (MAN)

Program „PROG“



INFO

A detailed description of the treatment programs is found in the Treatment Directions for the device.

Five pre-set treatment programs can be selected:

- Program 1: Face Sensitive
- Program 2: Face Medium
- Program 3: Face Intensive
- Program 4: Body Sensitive
- Program 5: Body Intensive

So stellen Sie das Programm ein:

1. Press the PROG key **10**.
2. Press the SELECT key **14** to select a treatment program.
3. Press the OK key **13** to confirm your selection.

- The message „setting is running“ and „setting OK“ appears on the display.
- The treatment program starts automatically.

The Program is set.

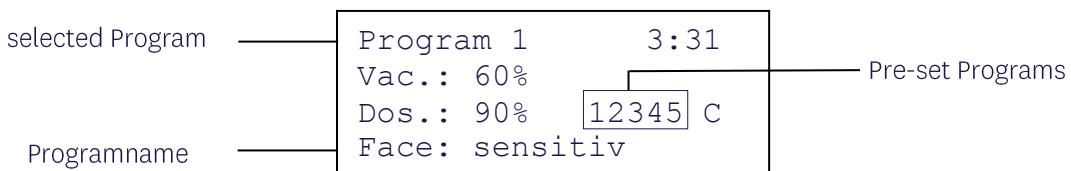


Fig. 21: five treatment programs

Program „USER“



INFO Five overwriteable memory positions (1-5) are available.

Frequently used settings can be stored in the device memory and recalled when required.

► Save the individual treatment program

A new treatment program can be saved over the previous program.

To set the individual treatment program:

1. Set the required parameters VAC and DOS in the MANUAL mode as previously described (see Page 21).
2. Press the USER key **11**.
3. Select „S“ like save on the display with the SELECT key **14**.
4. Press the OK key **13**.
5. Press the SELECT key to select the required memory position.
6. Press the OK key to confirm your selection.

- The message „client saved!“ appears on the display.
- The selected setting is stored at the required memory position and can be recalled.

The individual treatment program is set.

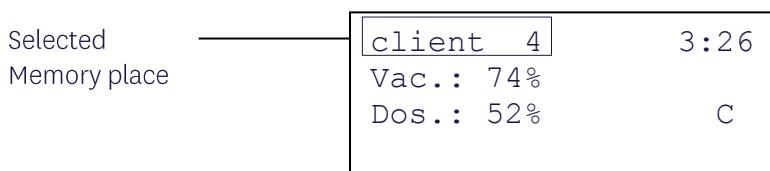


Fig. 22: individually treatment program

► Calling up the saved treatment program

To call up the saved treatment program:

1. Press the USER key **11**.
2. Press the SELECT key **14** to select the memory position with the required program.
3. Press the OK key **13** to confirm your selection.
 - The message „Setting runs“ and „Setting OK!“ appears shortly on the display.
 - Treatment program starts automatically.

The saved treatment program is called up.

IONTO-SKIN ABRASION Comfort

Calibrating the device



INFO

To guarantee an internal measuring accuracy, a calibration should be made when the device was in use awhile.

To calibrate the device:

1. Press the SELECT key **14** to select the function C.
2. Press the OK key **13**.
3. The message „Close the Handpiece and press OK!“ appears on the display.
4. Keep the glass head **5** opening shut to close the Handpiece.
5. Press the OK key.
6. The calibration starts.
7. Keep the glass head opening unshut to open the Handpiece.
 - The message „System OK!“ will appear on the display after successful calibration.
 - The manual treatment mode (MAN) will then appear.

The device is calibrated.

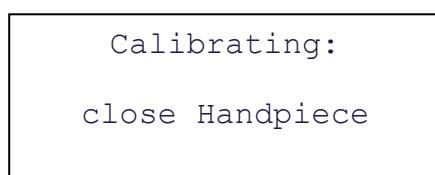


Fig. 23: closing the Handpiece

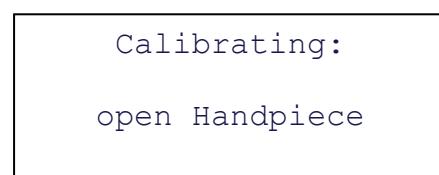


Fig. 24: opening the Handpiece

Cleaning and Care

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

⚠️ WARNING

RISK OF ELECTRIC SHOCK!

These can lead to fatal injuries.

- Switch OFF the device before cleaning it.
- Always disconnect from the mains power supply before cleaning.

IONTO-SKIN ABRASION COMFORT

Cleaning the device

To clean the device:

1. Clean the housing with a damp cloth.
2. Ensure that no liquid enters the inside of the housing.
3. Wipe the housing dry.

The device is cleaned.

Handpiece

Cleaning the Handpiece

NOTE

DAMAGE TO THE HANDPIECE

By incorrect cleaning the Handpiece can be damaged.

- Wear protective gloves when cleaning the crystal sand container.
- Never use aggressive cleaning agents or other substances such as acid-based cleaners, thinners or acetone.
- If required, sterilize the Handpiece glass nozzle.

To clean the Handpiece:

1. Sterilize the glass head **5** following every treatment.
2. Pull off the glass head.
3. Unscrew and remove the Handpiece cap.
4. Wipe the Handpiece cap with a damp cloth.

5. Dry the Handpiece cap well.
6. Clean the outside of the Handpiece nozzle with a dry cloth.
7. Screw the Handpiece cap onto the Handpiece.
8. Remount the sterilized glass head with the larger opening onto the Handpiece cap.

The Handpiece is cleaned.

Used-crystals container

Cleaning the used-crystals container

To clean the used-crystal container:

1. Switch the device OFF.
2. Raise the lid with the used-crystals container **7**.
3. Unscrew the used-crystals container anticlockwise.
4. Dispose of the used crystal sand.
5. Clean the thread on the used-crystals container.
6. Clean the lid of the seal with a brush to ensure that no crystal sand remains.
— If necessary, renew the air filter in the lid of the used-crystals container (see page 28).
7. Remount the used-crystals container clockwise and screw into place.

The used-crystals container is cleaned.

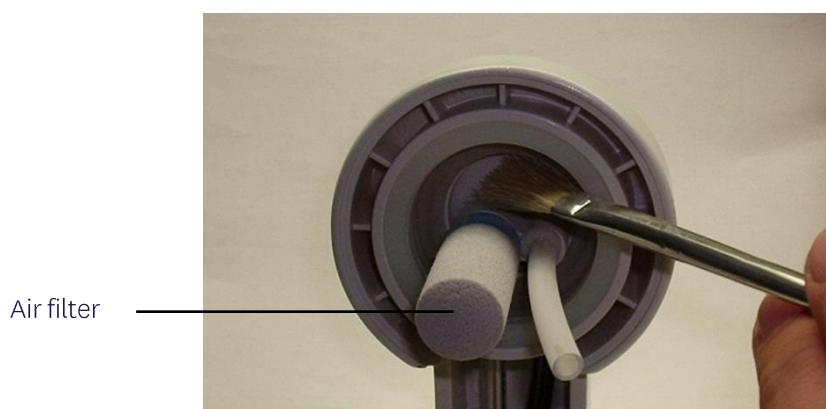


Fig. 25: Cleaning the filter

Fresh-crystals container

► Cleaning the fresh-crystals container

To clean the fresh-crystals container:

1. Switch the main switch OFF.
2. Raise the lid of the fresh-crystals container **6**.
3. Turn the fresh-crystals container anticlockwise as far as possible.
4. Remove the container (see Fig. 26).
5. Dispose of crystal sand.
6. Switch the main switch ON.
7. Remove the funnel insert of the fresh-crystals container insert (see Fig. 27).
8. Remove the sieve with a tweezers (see Fig. 28).
9. Suck off the surface of the fresh-crystals container insert with the Handpiece to ensure that no crystal sand remains (see Fig. 29, Fig. 30 and Fig. 31).
10. Switch the main switch OFF.
11. Put the container into the groove.
12. Turn the fresh-crystals container clockwise as far as possible.
13. The Container is locked in position.
14. Lower the lid.

The fresh-crystals container is cleaned.



Fig. 26: Fresh-crystals container removed



Fig. 27: Remove the funnel insert



Fig. 28: Remove the sieve



Fig. 29: Suck off the crystal sand



Fig. 30: Suck off the funnel opening



Fig. 31: Suck off the whole surface

Repairs and Maintenance

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

 **INFO**

When the device is used correctly and in compliance with the manufacturer's directions and instructions, maintenance is only required in yearly intervals.

Maintenance and repairs may only be performed by persons authorised by the manufacturer.

Any alterations or repairs performed by non-authorised persons will invalidate any guarantee, warranty or responsibility of the manufacturer.

In addition, the safety of the device could be affected.

Air filter in the used-crystals container

NOTE

DAMAGE TO THE AIRFILTER AND THE USED-CRYSTALS CONTAINER

The air filter may only be replaced when the unit is switched OFF.

Otherwise the VACUUM pump may be damaged.

- Wear protective gloves when changing the air filter.
- The air filter should be renewed after approx. 25 treatments.

Renewing the air filter in the used-crystals container

To renew the air filter in the used-crystals container:

1. Switch the device OFF.
2. Raise the lid with the used-crystals container.
3. Unscrew the used-crystals container anticlockwise.
4. Dispose of the used crystal sand.
5. Unscrew the air filter in the used-crystals container anticlockwise.
6. Clean any crystal sand from the lid and the filter holder with a brush.
7. Insert a new air filter.
8. Remount the container clockwise.
9. Screw the container into place.

The air filter in the used-crystals container is renewed.

Handpiece cap seals

Renewing the Handpiece cap seals

To renew the Handpiece cap seals:

1. Pull OFF the glass head.
2. Unscrew and remove the Handpiece cap.
3. Remove the black seals from the inside of the cap.
4. Replace with new seals.
5. Screw the cap onto the Handpiece.
6. Mount the glass head with the larger opening onto the Handpiece cap.

The Handpiece cap seals is renewed.

Clearing blockages in the crystals sand supply

Clearing blockages in the crystal sand supply with the self-cleaning function

To clear the blockages:

1. Press the CLEAN key **16** to activate the self-cleaning function.
— The message „Please close the applicator and press OK!“ appears on the display.
2. Keep the glass head opening **5** shut to close the Handpiece.
3. Press the OK key **13**.
— The self-cleaning starts.
— The message „Cleaning OK!“ appears on the display after successful self-cleaning (see Fig. 26).
4. Check the flow of crystal sand.

The blockages are cleared.

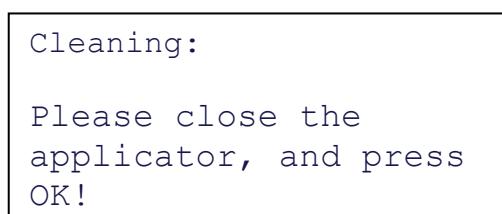


Fig. 32: Activation message of the self-cleaning

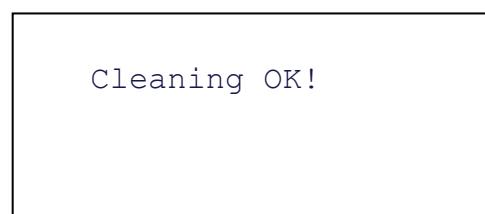


Fig. 33: Notice after the successful Cleaning

► If the self-cleaning function might fail or no crystal sand flows

1. Switch the main switch OFF.
2. Raise the lid of the fresh-crystals container.
3. Turn the fresh-crystals container anticlockwise as far as possible.
4. Remove the container (see Fig. 26).
5. Dispose of crystal sand.
6. Switch the main switch ON.
7. Remove the funnel insert of the fresh-crystals container insert.
8. Remove the sieve with a tweezers (see Fig. 28).
9. Suck off the surface of the fresh-crystals container insert with the Handpiece to ensure that no crystal sand remains (see Fig. 29, Fig. 30 and Fig. 31).
10. Switch the main switch OFF.
11. Put the container into the groove.
12. Turn the fresh-crystals container clockwise as far as possible.
13. Lower the lid.

Fuses

Replacing the fuses



RISK OF ELECTRIC SHOCK!

These can lead to fatal injuries.

- Isolate from the mains power supply by disconnecting the mains plug before replacing the fuse.



You need a small flat-blade screwdriver to open the fuse holder.

The fuse holder is located on the rear side of the device, below the mains socket.

To replace the fuse:

1. Disconnect the cable from the mains power supply.
2. Insert the screwdriver into the fuse holder.
3. Carefully lever out the fuse holder using light pressure.
4. Replace the fuse.
5. Press the fuse holder back into the mounting until it is clearly felt to lock into place.

6. Reconnect the plug to the device power supply socket.
7. Reconnect the cable to the mains power supply.

The fuse is replaced.

Fault, Finding and Solutions

Fault	Cause	Solution
Device does not operate.	Mains cable not connected correctly. Main switch not switched ON. Power key is pressed. Device is in standby mode. Fuse defective.	Check connection of the mains cable. Plugs must be firmly in place. Switch main switch to ON. Press the Power key. Device is operating. Replace fuse (see page 30).
Not enough or no crystals are transported.	Used-crystals container is full. Used-crystals container is not mounted correctly. Handpiece pipes are not connected correctly. Air filter in the used-crystals container is blocked. Used-crystals container is damaged.	Switch the device OFF. Empty the used-crystals container. Switch the device OFF. Unscrew the container and remount it correctly. Check the pipe connections. Switch the device OFF. Replace the air filter (see page 28). Check container and thread for cracks, and if necessary replace the container.
Not enough or no crystals are transported.	The fresh crystals are damp and in clumps. The supply is blocked.	Switch the device OFF. Empty the container and refill with fresh crystals. Free any blockage in the supply. Switch the device ON and allow it to operate until the supply of crystals restarts.

In the event of any other problem arising which is not dealt with above, please contact our customer service department (telephone number +49 721-9770-666).

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.

Delivery Contents

Number Name

1 x	IONTO-SKIN COMFORT Abrasion Device
1 x	Comfort Handpiece
2 x	Glass Head
1 x	Glass Nozzle, Ø 1.5 mm
1 x	Crystal Sand MICRO
1 x	Crystal Sand MACRO
1 x	Eye-protective Glasses
1 x	Filter for Used-crystals Container

Accessories

Article number Name

8339.017	Comfort Handpiece
8339.003	Glass Head, 2 pieces
8339.009	Glass Nozzle Ø 1.5 mm
8239.2	Crystal Sand MICRO, 1 kg (Ø 100 µm)
8239.11	Crystal Sand MACRO, 1 kg (Ø 150 µm)
8339.013	Eye-protective Glasses

For details of further accessories, please refer to the current IONTO catalogue.

Spare-Parts List

Article number Name

8339.001	Air filter for the Used-crystals container
8339.002	Handpiece Cap Seal
8339.005	Used-crystals container
8339.016	Fresh-crystals container

The air filter in the container for used crystals and the Handpiece cap seals are subject to wear and must be replaced at regular intervals.

Technical Data

Article number:	8330
Operating voltage:	230 V ~ / 50 - 60 Hz
Power:	100 W
VACUUM:	max. 920 mbar
Fuse:	0.8 A T
Protection class:	I
Dimensions(W x H x D):	345 x 235 x 305 mm
Weight:	approx. 10 kg

IONTO Health & Beauty GmbH
Greschbachstr. 3 • D-76229 Karlsruhe
Telefon: +49 721 9770-0 • Telefax: +49 721 9770-290
<http://www.ionto.de> • Email: info@ionto.de

Printed in Germany-8330-2.1-07/2018