BEAUTY INNOVATION & BEYOND

EN

icoone®
LASER • MED

USER MANUAL

798160013_06 30-09-2020

icoone®
LASER • MED

CE 0476

Read the User Guide carefully before using the machine.
TRANSLATION FROM THE ORIGINAL ITALIAN VERSION
SOFTWARE IN ENGLISH LANGUAGE

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1.1 Product description

The icoone MEDICAL LASER device was developed by the I-TECH INDUSTRIES Srl company deriving the technology, the operating principle and most of the components and materials from a previous version of the icoone –h medical device, covered by CE0476 certification (MED 31205).

The icoone MEDICAL LASER device features a new design (shape of the outer shell) and a new user interface (HMI operator interface) equipped with more modern technology and therefore able to evolve easily over time.

icoone MEDICAL LASER are one device conceived specifically to allow doctors' practices and clinics to efficiently treat a series of conditions and issues that can be accessed and improved with a non-invasive approach.

icoone MEDICAL LASER is made up of a body that is fixed on pivoting wheels, connected through a stand structure with a series of handpieces equipped with motorised MICROSTIMULATORS, that are the heart of the technology and which, expertly guided by an operator, are applied to the patient's body.

icoone MEDICAL LASER, thanks to the joint and synergistic action of the MICROSTIMULATORS and a negative pressure (vacuum) inside the handpieces through appropriate tissue mobilisation chambers, makes it possible to treat and improve many issues and conditions.

In addition, the equipment can approach and improve a series of problems related to tissues, such as scarring results, scars from burns and bedsores. Being a non-invasive aid, the icoone MEDICAL LASER device also allows a whole series of actions on pathologies, which also have an aesthetic value, such as, for example, fibro-sclerotic edematous panniculopathy, district adiposity and tissue aging in general.

The treatments provided by the equipment are pre-set through the software present on the HMI (operator interface) by the machine or alternatively they can be set manually by the operator by varying intensity, frequency, duration of the session and power of the aspiration of the tissues and allow to face the specific problems of each subject in an absolutely targeted manner.

icoone MEDICAL LASER, the RoboSolo handpiece contains various light sources with the following wavelengths:

1. 65XXaXX LED @ 650nm 50mW + LASER @ 915nm (1W)
2. 65XXaXX LASER @ 915nm (1W) + LASER @ 650nm 10mW

- These instructions describe how to use the icoone MEDICAL LASER and icoone MEDICAL machines correctly.
  Carefully read and become familiar with the content of this manual before using the machine.
- No part of this manual is to be reproduced, stored in a retrieval system or transmitted in any form or by any means, i.e. electronic, mechanical, photocopying, translation or otherwise, without the prior written permission of the manufacturer.

1.2 Manufacturer (pursuant to Directive 93/42/EEC and subsequent amendments and integrations)

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ITALY
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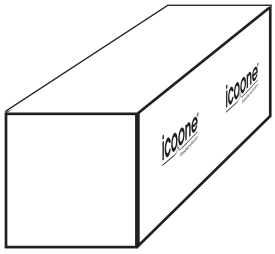
1.3 Contents of the packaging

Device:
icoone Medical LASER:
-65XXaXX: robosolo H LASER/LASER + 2 robotwins + 2 robomini
-65XXaXX: robosolo H led/LASER + 2 robotwins + 2 robomini + robomicro (6 applicators)

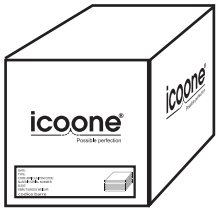
Device body box (icoone MEDICAL LASER)



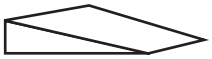
Handpiece box:
always included: quick coupling pipe, LASER safety glasses, applicator rod.

Machines:
icoone Medical LASER:
-65XXaXX: robosolo LASER/LASER + 2 robotwins + robomini
-65XXaXX: robosolo led/LASER + 2 robotwins + 2 robomini + robomicro (6 applicators)

User manual and brochure box (icoone MEDICAL LASER).



Consumable material box (icoone MEDICAL LASER).

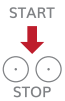


Device unloading ramp (icoone MEDICAL LASER)

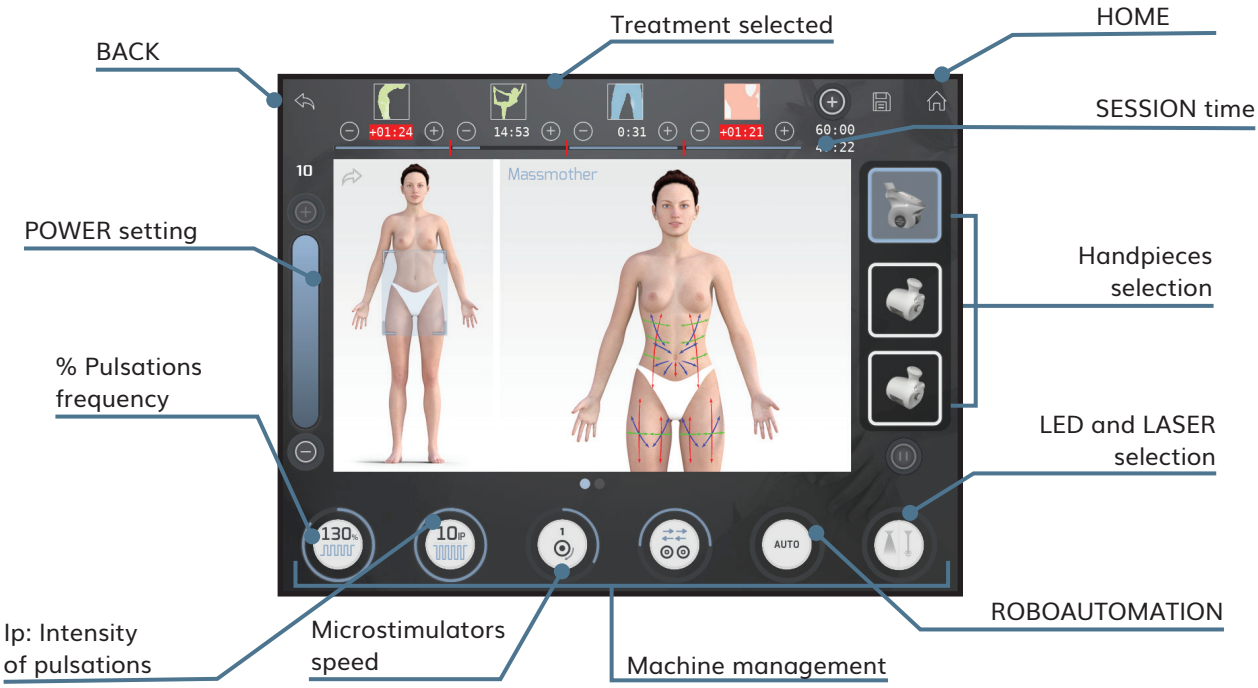
ADV panel or logo inside the icoone MEDICAL LASER device.

An instruction leaflet including methods for unpacking the machine is included in the top of the package.

2.1 Handpieces

	**START/STOP** Robotwins handpiece		**START/STOP** Robosolo handpiece		**INVERSION OF MICROSTIMULATOR ROTATION** Robotwins handpiece
	**INVERSION OF MICROSTIMULATOR ROTATION** Robosolo handpiece		**MICROSTIMULATOR ROTATION DIRECTION** (with led lit) Robotwins handpiece		**INTENSITY REGULATION** Robosolo handpiece
	**GRIP 1** Robotwins selector		**GRIP 2** Robotwins selector		**GRIP 3** Robotwins selector
	**NO GRIP** Robotwins selector		**START/STOP** Robomini and Robomicro handpiece		**INVERSION OF MICROSTIMULATOR ROTATION** Robomini handpiece
	**INTENSITY REGULATION** Robomicro handpiece		**GRIP SELECTION** Robomini selector		

2.2 Touch screen and interface navigation



2.3 Devices

Symbol for machine disposal in accordance with Directive 2012/19/EU

Type of protection against direct and indirect contact: Class I.
Type of protection against direct and indirect contact: Type B.

Manufacturer

Year of manufacture

Earth conductor

Identifies the various handpieces

* only available in the 11 handpiece version

VAC

Alternating current voltage

Hz

Frequency

Consult the User Guide

WARNING!
Indicates a situation in which failure to observe the instructions could cause damage to the devices or injury to the user and/or the patient.

DC24V

24V continuous voltage

F_1 F_2

Fuse indicator

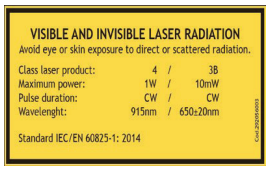
T8A 250V 5X20

T15A 250V 5X20

Fuse features
for 50 Hz models
for 60 Hz models

CE
0476

The device complies with the requisites established by Directive 93/42/EEC and subsequent amendments



LASER specifications label, on the machine

Warning label – hazard symbol as set forth by the IEC 60825 - 1:2014 standard, on the machine

LASER aperture label, on the machine

Warning label – hazard symbol as set forth by the IEC 60825-1 standard, on the machine

Emergency LASER off, on the machine

Remote interlocking connector

3 INTENDED USE

HEALTHCARE PROGRAMS

The icoone MEDICAL LASER device is intended for use by **properly trained medical and paramedical staff** in suitable facilities, such as medical clinics and centres, when the programs listed below are used.
Personnel must be trained on LASER safety procedures.
LASER radiation (available on the Robosolo handpiece of the icoone MEDICAL LASER device) obtains the desired effect thanks to the combination of a draining and lipolytic effect.
The programs mentioned below are covered by CE 0476 Marking and were assessed as set forth by the Directive and subsequent amendments:

STIMFLUID

Vascular problems. Reactivation of capillary micro-circulation and improvement of local and general blood circulation.

LINFA

Lymph insufficiency, draining of interstitial matrix, reduction of volume. Reactivation of lymphatic circulation. Stimulation of lymphatic capillaries.

SKINEW

Improvement of tissue quality, of problems linked to oedematous fibrosclerotic panniculopathy.

NOVASKIN

Mobilises, softens, moisturises, drains and stimulates cell regeneration with a reduction of interstitial fibrosis, aiding scar formation in cases of skin grafting and result form burns.

SKINREPAIR

Mobilises, softens, moisturises, drains and stimulates cell regeneration with a reduction of interstitial fibrosis, improving trophism and elasticity in burns and scars

IN-PULSE

Reactivation and regulation of intestinal peristalsis, diaphragm relaxing.

3 INTENDED USE

OTHER TREATMENTS

The icoone MEDICAL LASER device can also be used for the following treatments which do not have a medical intended use and, therefore, are not covered by the CE 0476 marking.

FINAL

Permits the elimination of metabolic waste products, mobilising the connective tissue.

MASSMOTHER

Drainage of areas involved, toning and firming of post-birth tissue.

PAINMASS

To relax muscular contraction, to drain metabolic waste.

MIND

Muscular stimulation of the back neck area due to incorrect or prolonged posture.

MASSTOTAL

Relaxation of body muscles.

BALANCING

Post intense physical activity.

NEUROMASS

Neuro-vegetative regulation, general reflexology, revitalisation of blood circulation.

VITAL JUMP

Preparation for sport/pre-competition, deep-down stimulation and oxygenation of muscles.

3 INTENDED USE

OTHER TREATMENTS

The icoone MEDICAL LASER device can also be used for the following treatments which do not have a medical intended use and, therefore, are not covered by the CE 0476 marking.

MIOCONTRACT

Myofibrillar decontraction.

APONEUROSIS

Tendinous and aponeuroses decongestion.

3 INTENDED USE

BEAUTY & WELLNESS - BASE PROGRAMS

The icoone MEDICAL LASER device can also be used for the following treatments which are of an aesthetic nature and, therefore, are not covered by the CE 0476 marking.

CELLDRAIN	Improvement of problems linked to unsightly (mainly oedematous) cellulite.

FLOWING	Improvement of circulatory function.

SILK	Improvement of problems linked to unsightly cellulite in the presence of fibrosis.

CELLFAT	Improvement of problems linked to unsightly (mainly adipose) cellulite.

BIOYOUNG	Anti-aging action, skin regeneration and re-oxygenation.

ELASTO	Stimulation of tissue elasticity.

TONUS	Wellbeing treatment, improvement of body tone.

OPTIMUM	Wellbeing treatment, overall body relaxation.

3 INTENDED USE

BEAUTY & WELLNESS - FOCUS PROGRAMS

The icoone MEDICAL LASER device can also be used for the following treatments which are of an aesthetic nature and, therefore, are not covered by the CE 0476 marking.

SILHOUETTE

Body remodelling and reduction.

MODELPLUS

Modelling and firming of buttocks.

REMOD

Reduction and modelling of knee, calf and ankle adipose.

HIGHPLUS

Reduction and modelling of upper body areas and the back of the neck.

MEN-ZONE

Reduction, modelling and toning of the waist.

ABDOTON

Toning and firming of the abdominal area.

ARMTON

Stimulation of arm tissue elasticity.

INTON

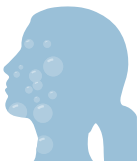
Inner thigh modelling and stimulation of tissue elasticity.

3 INTENDED USE

The icoone MEDICAL LASER device can also be used for the following treatments which are of an aesthetic nature and, therefore, are not covered by the CE 0476 marking.

FATZONE

Mobilisation of localised fats in the body and treatment of outer thighs.



NECK-FACE DRAIN

Upper chest, face and neck drainage.

NECK-FACE ONE

Superficial stimulation of the tissue.

NECK-FACE TWO

More intense stimulation of the tissue.

YOUNGTOUCH

Hands regeneration, toning and compactness.

CHINSCULPT

Stimulation of localised fat in the double chin.

SMOOTHFACE

Anti-aging effect on the most marked face lines.

EYELIGHT

Drainage, improvement of the microcirculation in periocular area.

3.1 Classification and standards

LASER classification

The Robosolo handpiece of the icoone MEDICAL LASER device may be equipped by two LASER diodes depending on the configuration and classified as follows, pursuant to the IEC 60825-1:2014 standard.

- LASER 915 nm Class IV
- LED 650 nm

Classification of MEDICAL DEVICES

Classification of the device in accordance with the instructions contained in annex IX of Directive 93/42/EEC and subsequent amendments: Class IIa.

MEDICAL ELECTRICAL EQUIPMENT classification

Classification of the icoone MEDICAL LASER device: comply with the EN 60601-1 standard on for the safety of medical equipment: Class I - Type B.

Standards of reference

The icoone MEDICAL LASER devices is designed and manufactured in compliance with the IEC 60601-1, IEC 60601-1-2, EN 60825-1, EN 60601-2-22, EN ISO 15223-1, EN 1041, EN 60601-1-6, EN 62304, EN 62366, EN ISO 14971, EN ISO 10993-1 standards.

3.2 Type of environment and environmental conditions of use

The icoone MEDICAL LASER device must be installed in areas that meet the requirements listed below:

- medical clinics or centres
- temperature between 10 and 40 °C.
- relative humidity between 30 and 75%.
- atmospheric pressure ranging from 700 to 1060 hPa.

3.3 Transport and storage conditions

The following conditions must be maintained during the transport and storage of the icoone MEDICAL LASER device:

- temperature from 0°C to 40°C
- humidity from 10 to 80%.

3.4 Disposal of the machine (if no longer used)

As set out in Directive 2012/19/EU on the restrictions of the use of certain hazardous substances in electrical and electronic equipment, and by the standards on collection, processing, recycling and disposal of electrical and electronic equipment, the latter must be processed as municipal waste and must, therefore, be sorted and collected separately. When new equipment of equivalent type is purchased, the old machine should be returned to the distributor for disposal. As far as reuse, recycling and other forms of waste recovery mentioned above are concerned, the manufacturer is responsible for the actions specified by individual local laws. Efficient and separate collection of sorted waste to recycle and treat waste electrical and electronic equipment aids in preventing negative environmental impact while protecting human health. In addition it facilitates recycling of the materials used to build the equipment. The crossed out wheeled bin symbol on the equipment indicates that the waste equipment must be collected separately from other waste.

WARNING!

Illegal waste disposal carries heavy fines defined by local laws.

4 PRECAUTIONS

1. Connect the power cable to the main supply, checking the voltage value shown on the identification plate, located at the back of the device.

When starting the device for the very first time, make sure the MONO line (white ring) and DUO line (grey rings) are disconnected from the handpieces.

All handpieces need to be positioned in the handpiece holder.

Then, proceed as follows:

- Swich on the device by setting the power button into position "I". Check that the green LED is lit and wait until the main menu appears on the display.
- Enter the FREE MODE (the icon on the right)
- Connect the ROBOSOLO handpiece to the MONO line (white ring) and wait until the ROBOSOLO icon appears on the screen.
- Connect one of the ROBOTWIN handpieces to one of the DUO line (grey ring) and wait until the ROBOTWIN icon appears on the screen.
- Connect the second ROBOTWIN handpiece to the remaining DUO line (grey ring) and wait until the second ROBOTWIN icon appears on the screen.

In case the starting procedure described above do not succeed, repeat the procedure by switching off the device and disconnecting the three handpieces (ROBOSOLO and the two ROBOTWINS).

2. For the subsequent employments, the icoone device must always be switched on with the following configuration:
   - The Robosolo handpiece needs to be connected to the MONO line (WHITE RING);
   - The two Robotwins handpiece need to be connected to the DUO line (GREY RINGS).

In the event that the device is turned on in another configuration of handpieces other than Robosolo and Robotwins, a message may appear informing you to restart the device. In this case, turn off the device, connect the handpieces as indicated above and restart the device.

3. The MONO and DUO lines must always be connected to the handpieces; do not leave them without any connection.
4. To use Robosolo, connect it to the MONO Line (WHITE RING);
5. To use only one of the two Robomini, connect one of them to the MONO Line (WHITE RING) and connect the 2 Robotwins to the DUO Line (GREY RINGS).
6. To use 2 Robomini, connect them to the DUO Line (GREY RINGS).
7. To use 2 Robotwins, connect them to the DUO Line (GREY RINGS)
8. To use 1 Robotwin, connect it to the DUO Line, set on 0 the Robotwin that you will not use and deselect its icon on the display.
9. To use Robomicro, connect it to the MONO Line (WHITE RING)

.

4.1 Precautions for use

Read carefully before switching on the icoone MEDICAL LASER device

- The icoone MEDICAL LASER device must be installed exclusively by qualified personnel.
- The icoone MEDICAL LASER device must be used exclusively by duly qualified and authorised medical personnel (doctors and paramedics), when used with the programs envisaged for the Medical Treatments covered by the CE 0476 marking (page 9)
- Only the operations described in the following manual should be carried out; in all other cases, please contact technical assistance.
- Do not place any weights on the devices; apply only the force necessary for their movement.
- The machine must be kept and stored in perfect working order. The manufacturer declines all liability (civil and penal) in the case of abuse, negligence or improper use of the machine.
- The icoone MEDICAL LASER device must always be supervised when switched on; in particular, they must never be left unsupervised in the presence of children/legally incompetent persons or in general persons unauthorised to use them.
- Ensure that the supply voltage of the device shown on the identification plate corresponds to the mains voltage.
- Connect the icoone MEDICAL LASER device to the mains via a wall socket fitted with an earth conductor in compliance with the electrical regulations in force.
- Do not use the device on dusty floors, on a slope or in damp environments.
- Connect the device only to power sources with protective earthing to avoid the risk of electric shock.
- Do not perform maintenance operations when the icoone MEDICAL LASER device is connected to the power supply; disconnect the devices before proceeding.
- The device are not protected against the penetration of liquids (IPX0).
- Cleaning operations, with the exception of the handpieces, must be carried out with the devices switched off and at room temperature. Do not spray detergent directly on to the displays/monitors.
- Do not leave small parts of the devices unsupervised or within the reach of children or other persons as these could be extremely dangerous.
- If the icoone MEDICAL LASER device is not meant to be used for long periods of time, disconnect them from the power supply.
- The use of original icoone gowns is mandatory during the treatment.
- Do not use the icoone MEDICAL LASER device for purposes other than those recommended by I-TECH INDUSTRIES.
- I-TECH INDUSTRIES declines all liability in the case of inappropriate use.

- Check that the air circuit is always empty.
- Do not aspirate solid or liquid bodies that could damage the device.
- In case of modification of the product, replacement of parts or components with others, other than those used by the manufacturer, the unauthorised technician will assume the same liability as the manufacturer. The manufacturer declines all liability deriving from damage to objects or people if this clause is not respected.
- Do not push sharp objects (pencils, nails) too hard on the display surface to avoid damage to the touch screen.
- The use of accessories, transducers and cables other than those sold by the manufacturer as spare parts for internal components may enhance emissions, decreasing the product's immunity.
- The devices should not be used close to or stacked with other machines. If this situation is unavoidable, monitor the device and check that it is operating properly.
- The devices are not equipped with brakes; they must, therefore, be placed on a flat surface. If the devices are used on a sloping surface, make sure that it is held firmly by the dedicated handle. Please refer to the figure below.

Mobile handle

- Depending on the treated tissue, some parameters can cause complaints. The expert operator must, therefore, pay attention to how the patient feels and adjust the parameters accordingly.
- The expert operator must check that the parameters used are appropriate for the tissues treated.
- Do not press the handpiece keyboards with sharp objects (pencils, nails) to avoid damage.
- This device is not intended to be used in oxygen-rich environments.
- Portable or RF devices with radio communication should be used at a distance of 30cm, so as not to affect the operation of icoone Medical and Medical LASER.
- Lift the machine from one of the 4 sides of the chassis if an obstacle has to be avoided.
- The devices must be moved exclusively by the dedicated handle. Please refer to the figure below.
- Please take care to insert the Robomicro handpiece in the right direction and check that it is arranged as shown below:

Precautions when using the LASER

- During use of the LASER on the icoone MEDICAL LASER device, the patient must always wear the white gown. Never use other gowns in combination with LASER.
- Never look at the LASER beam or at visible and invisible radiation.
- In case of emergency, push the emergency red button placed on the top of the main body of the icoone MEDICAL LASER device. This will immediately stop LASER emission from the Robosolo handpiece.

Always wear protective goggles during LASER emission. Use protective goggles that comply with the specifications according to the LASER protection standard **EN: D 915 LB2**

4.1.1 General safety information

- For a safe use of the devices, it is necessary to know all the safety rules set forth by international standards.
- All persons using the devices must understand the operation and safety instructions specified in the manual.
- Oznly authorised individuals with appropriate medical training and knowledge of LASERs should operate the icoone MEDICAL LASER device.
- Only authorised personnel should access the internal/ electrical components of the devices.
- The user manual must be available in the working area of the devices.
- All the warning labels must be kept in good condition.

Using controls or adjustments or performing procedures other than those specified herein may result in hazardous exposure to radiation.

4.1.2 Working area

This Device is classified as Class 4 pursuant to IEC/EN 60825-1:2014.
This icoone MEDICAL LASER must be used in a specific working area defined and delimited in accordance with the local and international standards in force (IEC/EN 60825-1:2014).

Warning: the LASER device is not intended for use in Oxygen rich environments.

Warning: RESTRICTED ACCESS TO THE WORKING AREA.
Access to the working area is always monitored by interlocking control.

In order to access the working area, all internal personnel must:

- Knock on the door of the working area
- Wait for the operator to open the door
- Always wear the protective goggles when the LASER is switched on

External personnel/visitors must also:

- Be guided by internal personnel
- Always wear the protective goggles if inside the working area when the LASER is switched on
- Be instructed by internal personnel about LASER, electrical and other risks related to the use of the LASER within the working area (LASER radiation, electric shock, etc.)

Entry is absolutely FORBIDDEN if there is no operator inside the working area.

4.1.3 Eye and skin exposure

The LASER beam of the icoone MEDICAL LASER device may cause sight loss. The LASER operates at both visible and invisible wavelengths. Any energy transmitted by this device that enters the eye will be focused directly on the retina. Direct absorption of LASER energy by the retina can result in temporary clouded vision, retinal lesions, long-term scotoma and photophobia.

The risk also exists in case of:

- Direct LASER radiation
- Reflected LASER radiation
- Diffused LASER radiation

The skin can resist a significantly higher amount of LASER energy, but it can be seriously damaged by the LASER beam. If necessary, used special protective clothing.

If the LASER beam is aimed at someone:

- Turn off the LASER device
- Immediately ask for a physician's assistance
- Inform the person in charge of LASER maintenance and safety

Pursuant to the IEC 60825-1:2014 standard, the MPE (Maximum Permissible Exposure), NOHD (Nominal Ocular Hazard Distance) and OD (Optical Density) have been calculated for each LASER wavelength emitted by the LASER device.

The formulas and the numerical coefficients are specified in the IEC 60825-1:2014 standard.

O The MPE level represents the maximum level that the eye or skin can be exposed to without consequent injury, immediately or after a certain period of time, and is related to the wavelength of the radiation, the pulse duration or exposure time, the tissue at risk and, for visible near-infrared radiation in the range between 400 nm to 1400 nm, the size of the retinal image.

- O The NOHD is the distance at which the beam irradiation or exposure to the radiation equals the appropriate maximum permissible corneal exposure.
- O The OD of the protective goggles to be worn is defined as:

$$OD = \log10 (H0/MPE)$$

Where H0 is the expected unprotected eye exposure level.

The results of the MPE, NOHD and OD value calculations are available in the "Technical Specifications" chapter

Warning: All personnel present in the working area must wear appropriate LASER safety eyewear (goggles) to avoid serious eye injuries.

Avoid looking directly into the fibre or handpiece, even while wearing protective goggles.

Wear protective goggles (shown in the "Specifications" chapter) compliant with the specifications of the LASER protection standard EN 207.

Always check the integrity and condition of the goggles.

Before wearing them, ensure that the protection glass is in good condition.

4.1.4 Hazards

4.1.4.1 Fire hazard

The LASER radiation of this icoone MEDICAL LASER device is able to melt, burn or vaporise almost all materials. The use of the LASER device is limited to the applications specified in this manual.
The nature of the LASER treatment can cause a fire hazard. The absorption of the emitted LASER energy, no matter how weak, may raise the temperature of any material. This phenomenon is the basis of many useful medical and surgical applications; it is also the reason why these applications often require precautions against the risk of igniting combustible materials in and around the working area.

When the LASER device is used, the following precautions must be taken:

- Do not use any flammable substances, such as alcohol or acetone, while preparing the skin for treatment. Soap and water can be used if necessary.
- Anaesthetics taken either by inhalation or topically must be approved as non-flammable.
- Be careful when using oxygen.
- Avoid using combustible materials, such as gauzes and cloths, in the treatment area. When they are required, these materials must be soaked in water. Clothing should be kept away from the treatment area.
- Attention: endogenous gases can catch fire or explode.

Warning: LASER plume may contain viable tissue particulates. In case of any doubt, treat only intact and healthy skin.

4 PRECAUTIONS

The use of the icoone MEDICAL LASER device usage creates a negative pressure on the epidermis stimulating alveolar micro vacuoles, made of a part of the collagen of the connective tissue. Consequently, local physical effects are: better blood circulation, higher oxygenation, increased metabolic exchange, fibroblast stimulation and activation of intra adipocyte lipolysis. In light of these effects it is suggested to read the following contraindications before using the icoone MEDICAL LASER device.

4.2 Contraindications

- Do not treat open wounds, the eyes, intracavitary regions, mucous membranes, genital areas or nipples.
- In pregnant women, do not treat the abdominal region; seek the advice of the doctor in charge regarding treatment.
- Do not treat patients with an infectious disease, a developing tumour or phlebitis.
- In case of previous tumours or tumours in remission, seek the advice of the doctor in charge.
- Do not treat swollen or inflamed areas without medical advice and without training recommended by I-TECH INDUSTRIES in the specific area.
- Do not treat patients in persistent pain, the cause of which is unknown, without medical advice and without the recommended training by I-TECH INDUSTRIES in the relative sector.
- Do not treat patients following an invasive medical procedure without the advice of the doctor or the surgeon who carried out the treatment and without the training recommended by I-TECH INDUSTRIES in the specific area.
- Given that this list is not exhaustive, it is recommended to systematically seek the opinion of the doctor in charge in case of doubt.

HANDPIECE AND MICROSTIMULATOR CLEANING

Push the cleaning button.

Remove the flaps, as shown in chapter 10, and clean using the icoone Cleaner disinfecting cloths.

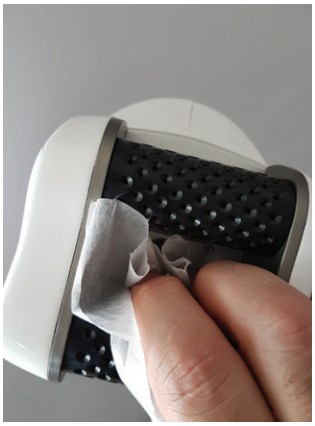
Start the MICROSTIMULATORS by pressing **START** on the chosen handpiece.

Clean the surfaces of all MICROSTIMULATORS using the icoone Cleaner disinfecting cloths: place the cloth on the outside of the MICROSTIMULATOR during rotation, as shown in the image.
Cleaning and disinfection must be performed after each treatment and between patients.

When the operation is complete, stop the MICROSTIMULATORS using the **STOP** button on the handpieces.

Repeat the procedure to clean the other handpieces.

To stop the cleaning of the MICROSTIMULATORS, exit the screen.
To clean the handpieces (central chamber) use the icoone Cleaner disinfecting cloths with the handpieces switched off.

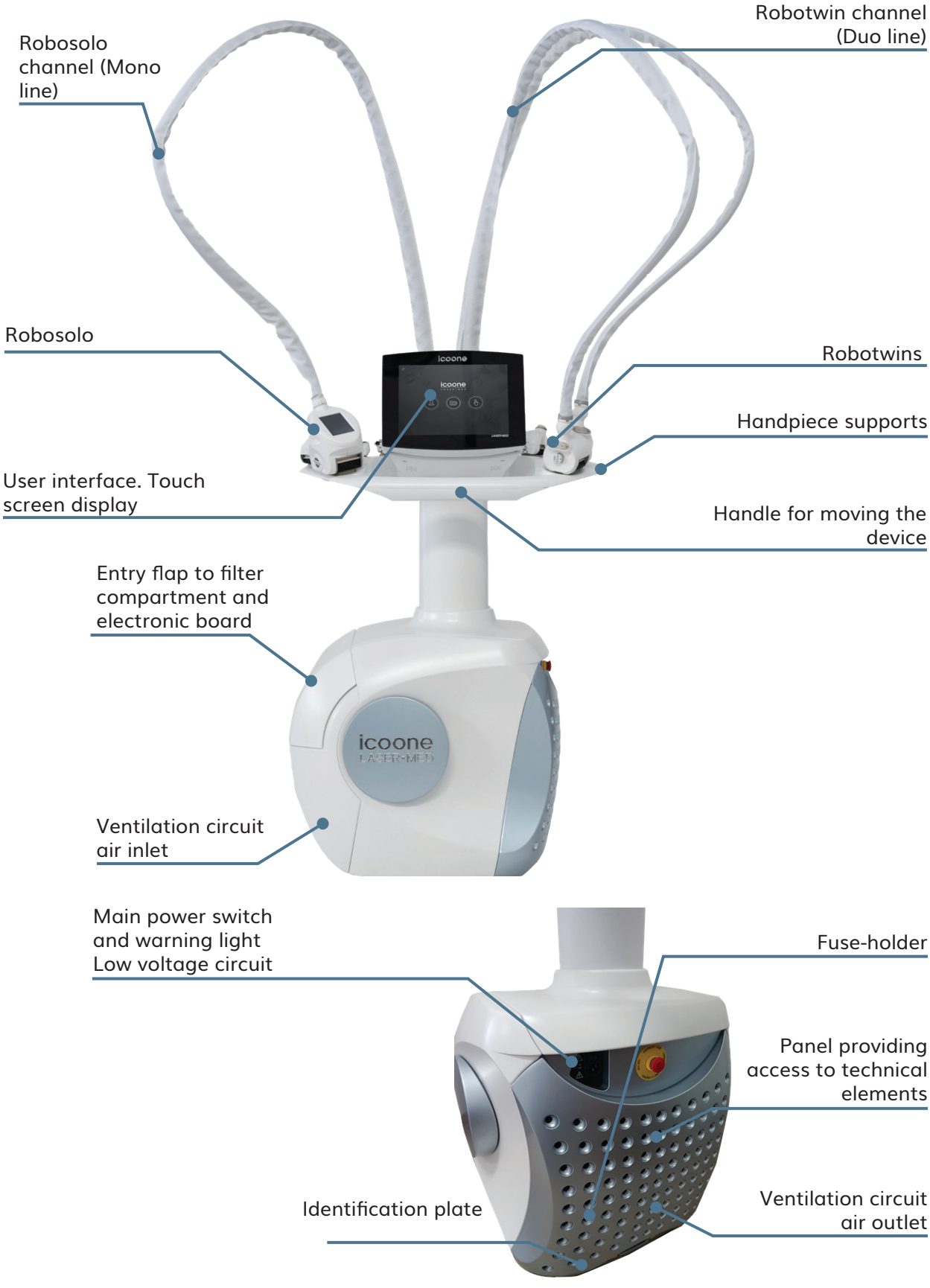


The applicators of the Robomicro handpiece can be disinfected with peracetic acid solutions.

CLEANING THE MONITOR

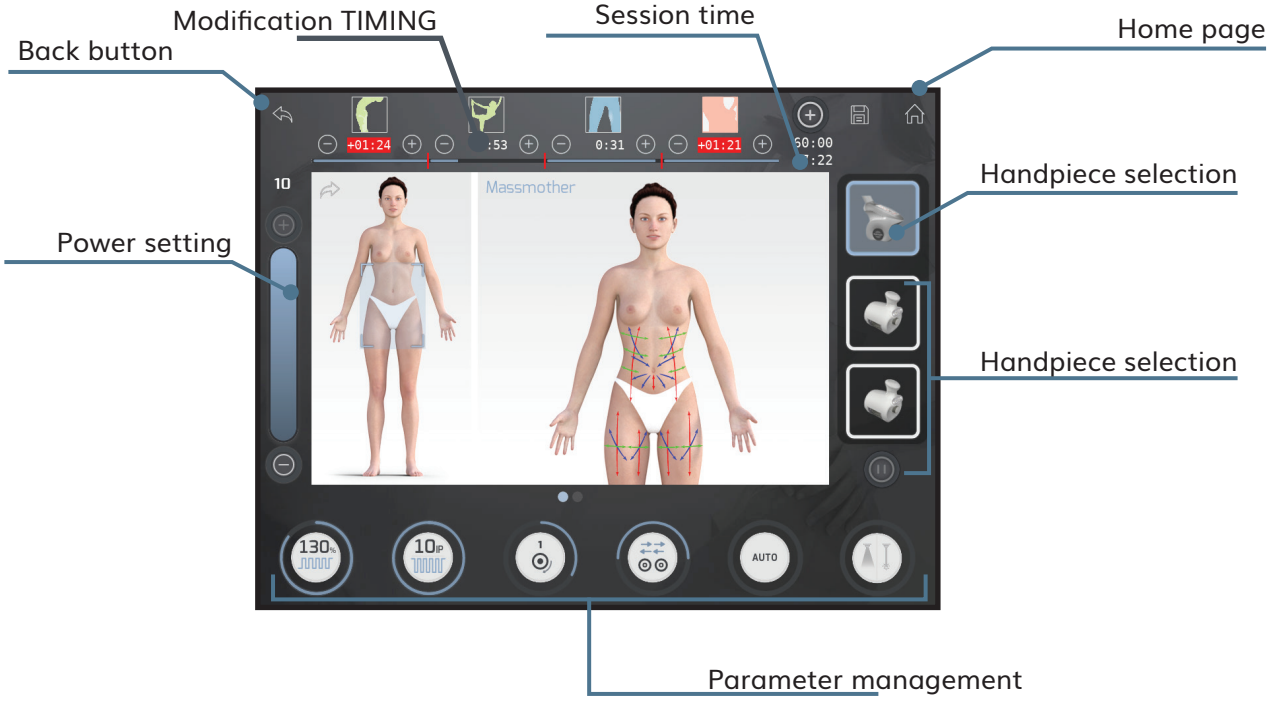
Do not use water and do not spray detergent directly on the display. Use a dry, soft and clean cloth; for deeper cleaning use an appropriate antistatic product.

DEVICE


Robosolo channel (Mono line)
Robotwin channel (Duo line)
Robosolo
Robotwins
Handpiece supports
User interface. Touch screen display
Handle for moving the device
Entry flap to filter compartment and electronic board
Ventilation circuit air inlet
Main power switch and warning light Low voltage circuit
Fuse-holder
Panel providing access to technical elements
Identification plate
Ventilation circuit air outlet

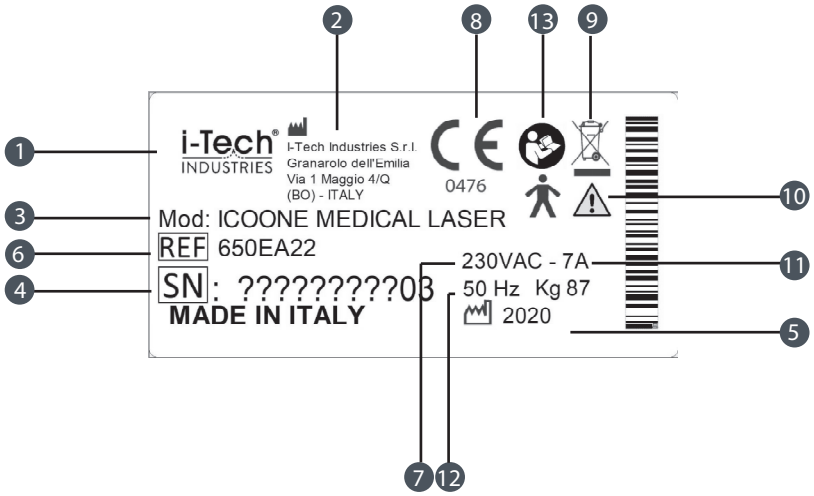
FILTERS

TOUCH SCREEN DISPLAY



IDENTIFICATION PLATE

1. Manufacturer
2. Place of manufacture
3. Device model *
4. Serial number
5. Year of manufacture
6. Current consumption
7. Supply voltage
8. CE marking
9. Separate collection symbol
10. Protection type and rating
11. Model code
12. Frequency and weight
13. Read the instruction manual carefully



ACCESSORIES LIST

2 x Robotwins handpieces with quick coupling connector (code 533080028).
3 x Robosolo, Robomini, Robomicro and Robotwins quick coupling pipes with cable, socket and applicator rod (code 5330310018 and 533031020)
1 x Robosolo handpiece with quick coupling connector (code 533080027)
2 x Robomini handpieces (code 533080029)
1 x Robomicro handpiece (code 533080030)
2 x Robomicro applicators, 7 mm (code 533080010) and 15 mm (code 533080011)
2 x Robomicro applicators, 20 mm (code 533080032) and 26 mm (code 533080033)
2 x Robomicro mono applicators, 9.8 mm (code 533080009) and 13.9 mm (code 533080031)
1 x 2 m power supply cable (code 004054010 IEC C13DRITTA+ CEE 7/7 90¦2mt 3X1)
Flaps for Robosolo, Robotwins, Robomini, Robomicro and applicators
4 x icoone filters

ROBOTWINS

Command keys

They both have the same role and they change the rotation of the mechanic rolls. The buttons are also used to start and stop the treatment if held down(> 2sec)

Grip selection

- No Grip
- Grip 1
- Grip 2
- Grip 3

ROBOSOLO

% and IP control buttons

To increase or decrease the frequency of aspiration in case of treatment with rhythmic pulses.

Display

The display shows the current frequency and power values and the direction of MICROSTIMULATOR rotation

Start and Stop button

To start or stop the treatment

Power setting

To increase or decrease the aspiration power (check section 11 “CORRESPONDENCE OF PRESSURE VALUES ON THE DISPLAY - RELATIVE PRESSURE”)

Control keyboard

They both have the same role and they change the direction of the microstimulators.

ROBOMINI

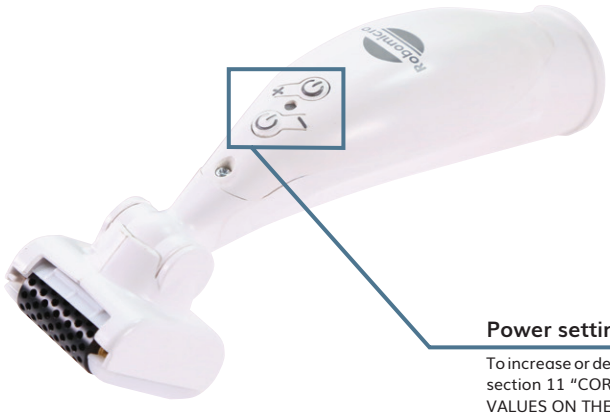
Control keyboard

this button change the rotation of the microstimulators and it is also used to start and stop the treatment if held down (> 2 sec)

Grip selection

- Alveolar aspiration
- Central and alveolar aspiration

ROBOMICRO



Power setting

To increase or decrease the aspiration power (check section 11 “CORRESPONDENCE OF PRESSURE VALUES ON THE DISPLAY - RELATIVE PRESSURE”) The buttons are also used to start and stop the treatment if held down(> 2sec)

Preparing the machine

Figure A

The packaging includes a box which contains:
1 Robosolo
2 Robotwins
2 Robomini
1 Robomicro with the related applicators
flaps

The Robosolo and Robotwins handpieces are already connected to the cable. The following are present at the other end of the cable:

1 Flexible rod
2 Connection for aspiration
3 Electrical connection

The Robosolo and Robotwins pipe is equipped with a quick coupling system to the handpiece. Follow the instructions to replace the handpiece.

Figure B

On the rear of the display there is a flap with magnetic catches. Lift the flap to access the interior where the sockets for connecting the handpieces are located.
Connect all handles, in accordance with the following sequence:

1. Insert the flexible rod (1) into the support.
2. Press vertically to connect aspiration (2).
3. Connect the electricity (3), aligning the key present on the connector identified by a black arrow with the slot in the female connector on the plate and gently press the body of the connector.

Figure C

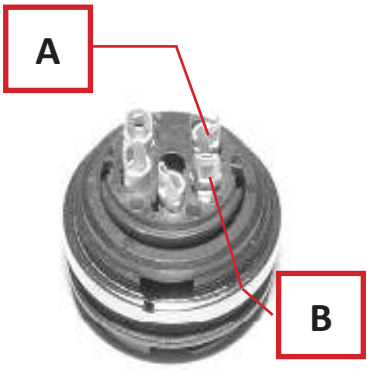
Close the flap, taking care to insert the three covered flexible pipes into the provided groove. The machine is ready for use.

Connection of the remote door interlock
This device is equipped with a remote door interlock connection (as required by standard 60825-1), which prevents the emission of LASER radiation when the entrance door to the treatment area is open. The interlock connector is located on the panel shown in Figure C.

An appropriate micro-switch should be wired to the remote door interlock cable and mounted on the doorframe so that a contact closure is activated when the entrance door to the treatment area is closed. Before use, please check if the remote door interlock cable leading to the door-mounting micro-switch is connected to the rear panel of the LASER unit.

The door interlock cable should be connected to a lamp mounted close to the door frame as shown in the picture. The lamp should be turned on by the operator before the LASER is switched on.

The door interlock system is not provided by I-TECH INDUSTRIES but it must be provided by the customer.



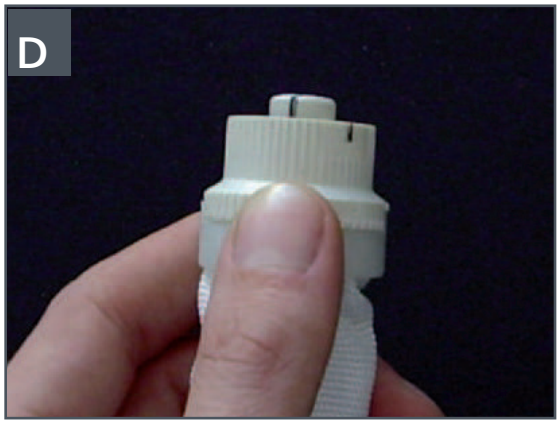
The pins A and B of the external micro switch have to be wired with the door cable.

■ HANDPIECE FITTING

■ CONNECTION

Figures D and E

Pinch the pipe closed to the end and turn the nut to align the two reference marks as shown in the picture.



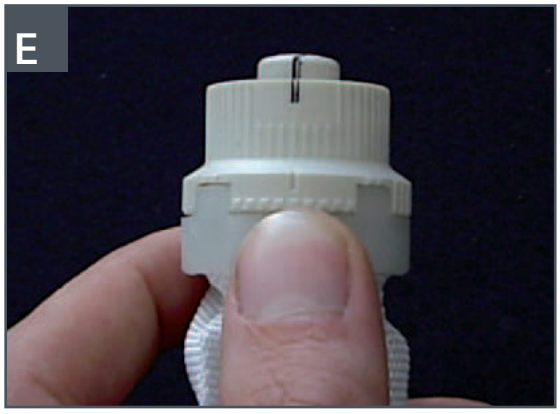


Figure F

Approach the connector to the handpiece aligning the mark on the nut to the receptacle key in the handpiece connector.

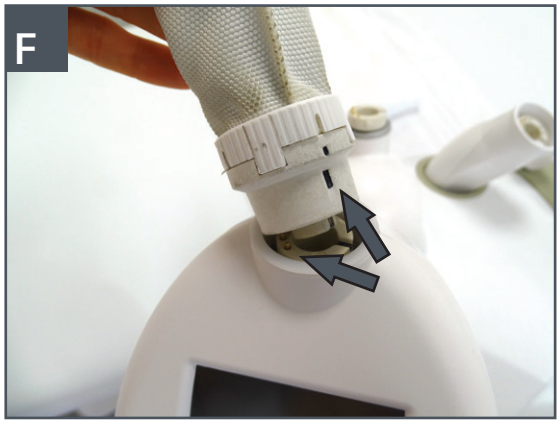


Figure G

Press the nut slightly and turn it clockwise 90 degrees.

Figures H and I

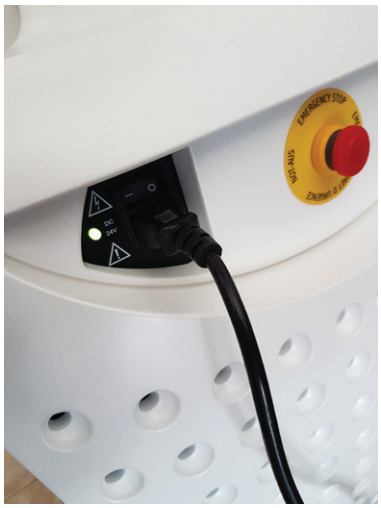
Press the nut slightly and turn it anti-clockwise 90 degrees.

Remove the pipe, moving the nut away from the handpiece.

8 USING THE MACHINE

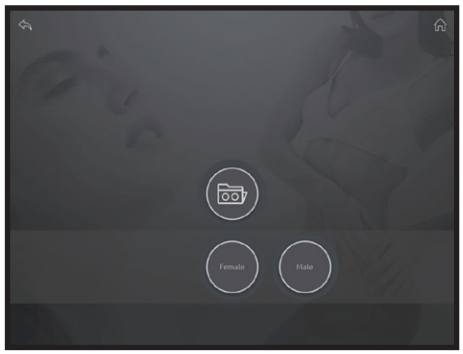
Attention: for the correct switching on procedure of the device (for the initial starting and subsequent), please refer to the "Precautions" chapter reported at the beginning of chapter 4.

Switch on the machine by setting the power button into position “I”. Check that the green LED is lit.
Wait for the software to load: the machine logo appears on the monitor...



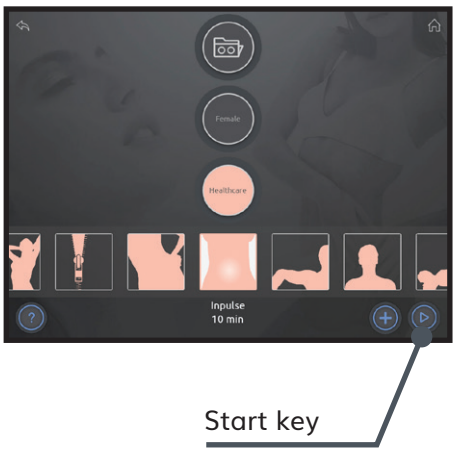
Select the desired option.

Select FEMALE or MALE

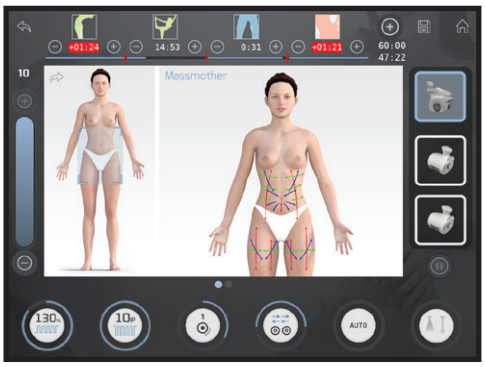


Select BEAUTY & WELLNESS or HEALTHCARE

Select the program and push the start key



Using the touch screen display



■ **Depending on the treatment selected, either the Robosolo, Robotwins, Robomini or Robomicro handpieces will be shown on the interface.**

The function keys available are:

POWER ICON
Regulates the stimulation power.

RHYTHMIC WAVE
This function controls two different parameters: Ip (Intensity of pulsations) and % (Pulsations frequency).

MICROSTIMULATORS SPEED AND DIRECTION
The speed function is used to select the speed of the microstimulators. There are three settings available: slow, medium and fast.
The direction function is used to select the direction of the microstimulators: forward / backward (the microstimulators move in the same direction) or inward / outward (microstimulators move in opposite directions). The inward / outward function is available only for Robosolo or Robomini handpieces.

It is however possible to change the parameters during treatment.

TIMING
This function is used to select the treatment duration.

GRIP SUGGESTION
Available only for Robotwins and Robomini twins. (I: central - II: microstimulators - III: central and microstimulators). With Robomini Twins handpiece, only grip setting II or III can be selected.

The device is already configured for each individual program, but all the preset parameters can be modified. For the Robotwins and Robomini handpieces the grip must be adjusted manually, according to the Grip suggestion shown on the display for the generic treatment.

ROBOSOLO / ROBOMINI / ROBOMICRO ICONS
Enable to select the handpiece. If the button is blank, the handpiece is not connected.

ROBOTWINS / ROBOMINI TWINS ICONS
Enable the treatment with two handpieces (when you use one Robotwin, set on 0 the twin that is not used. When you want to use one Robomini, use the mono line).

AUTO
Roboautomation function allows the operator to set a fixed pattern of movement that will be automatically followed by the handpieces (Not available for Robomicro).

The selection keys available are:

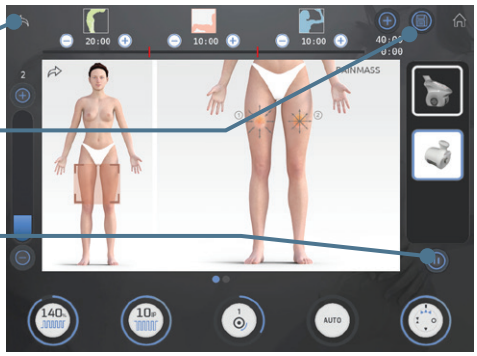
The key on the upper left-hand side, go back to the previous page

SAVE: possibility to save customized protocols.

PAUSE: suspends treatment without modifying the parameters or the counter.

HOME: return to the main menu.

+: creates a sequence of programs (protocols).



■ Timing

This function is used to select the treatment duration.
There are 3 timers. On the right, the lower of the two fields shows the incremental timer, that tracks the time of the individual treatment steps carried out during the session; the upper field shows the program time (20 min for base; 10 min for focus). In the middle of the line, there is the countdown timer that shows the complete program duration.

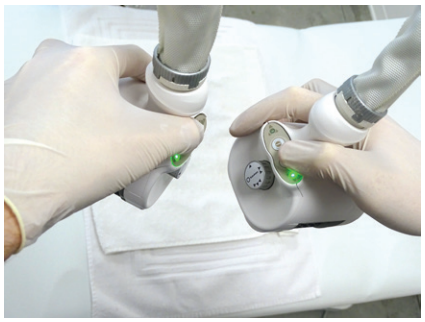
To reset the incremental timer at the end of every session, the operator must go back to the main display screen and press the clean button twice.

8 USING THE MACHINE

Select the handpieces depending on the program.
If 2 Robotwins are selected, grip them as shown in the picture.

To begin treatment, hold down one of the two buttons of the handpiece.
If working with the 2 Robotwins, the direction LEDs of both handpieces must be lit.

Work on the patient by rolling the MICROSTIMULATORS over the body.
To change direction, press one of the two keys of the handpiece.

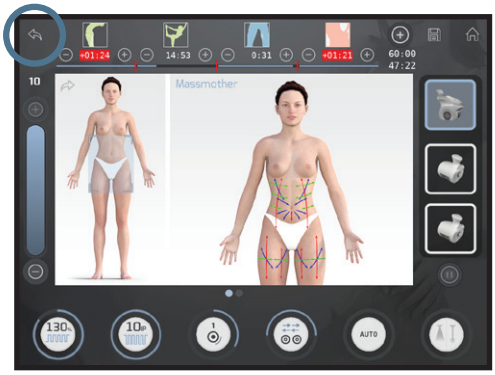


To interrupt treatment, hold down one of the two keys of the handpiece.

Replace the handpieces on the supports to the side of the display.

Modify the "distribution" of the vacuum using the selector on the inner side of the handpiece. It is possible to turn it clockwise or counter-clockwise.
The current position is shown by the symbol on the selector beside the arrow.

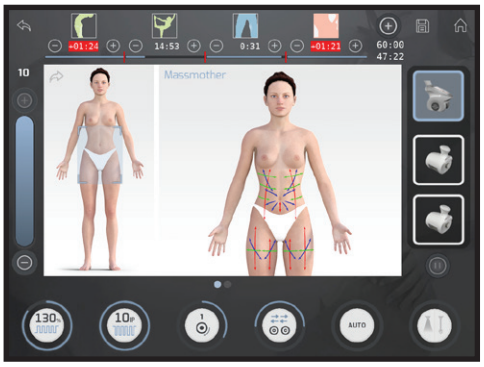
Return to the main menu by pressing **BACK**.



Return to the selection menu of a different program by pressing **BACK**.

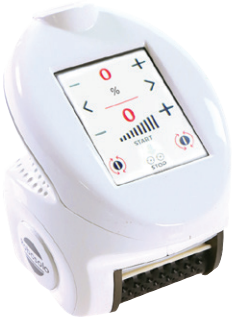
Select a new program.

If the program requires the Robosolo handpiece, the key with the image of the handpiece will be activated only if Robosolo is connected to the machine. If the Robosolo handpiece is not connected, the key with the image of the handpiece will not be lit and the operator can connect another handpiece or connect the Robosolo handpiece.



Remove the handpiece from its support.

Press START to begin.



Treat the patient.

Press the + and - keys to increase or decrease the relative parameters to the side of the handpiece display. To change direction, press one of the two keys at the bottom of the handpiece.

At the end of treatment press STOP and place the handpiece back on the support.

If the program requires the Robomini handpiece, the selection key on the top left corner of the display will be activated only if Robomini is connected to the machine. If the Robomini handpiece is not connected, there will be no image of the handpiece. The operator will have to connect the handpiece to continue.

Remove the handpiece from its support.

To begin treatment, activate the handpiece on the display, press the key of the handpiece to set the direction, then hold down the key of the handpiece to start the machine.

To change direction, press the key of the handpiece.

To interrupt treatment, hold down the key of the handpiece, then replace the handpiece on the support.

Vary the "distribution" of the vacuum as shown on the machine display, using the selector on the outside of the handpiece. The current position is shown by the symbol beside the selector.

If the program requires using the Robomicro handpiece, the selection key on the top left corner of the display will be activated only if Robomicro is connected to the machine. If the Robomicro handpiece is not connected, the selection key will blink to call the attention of the operator: connect the Robomicro handpiece then go to handpiece.

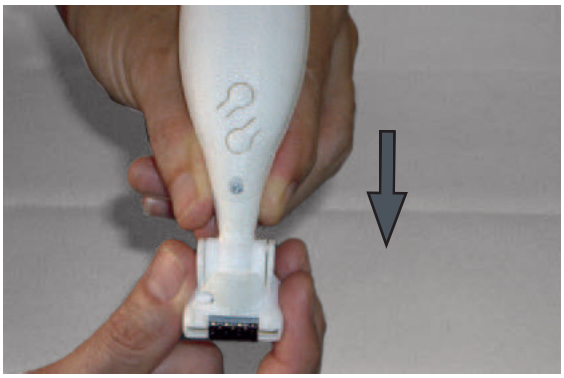
Remove the handpiece from its support and install the most suitable accessory.

To begin treatment, hold down one of the two buttons of the handpiece.

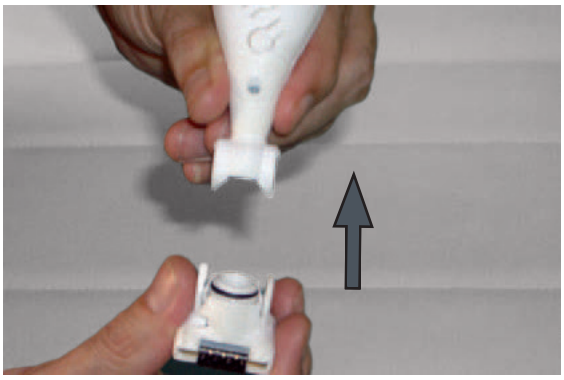
Press the + and - keys (short press) to increase or decrease the “Power” parameter.

To interrupt the treatment, hold down one of the two keys of the handpiece, then place the handpiece back on the support as shown in the picture.

To replace the accessory, grip the handpiece and pull the accessory.



To install the new accessory, approach it to the Robomicro body, as shown in the picture, then push to fasten.



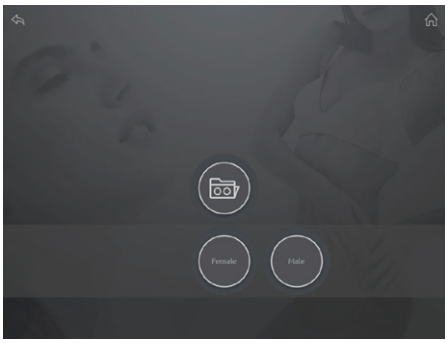
To switch off the machine, turn the switch to position “0”.

9 TOUCH SCREEN DISPLAY

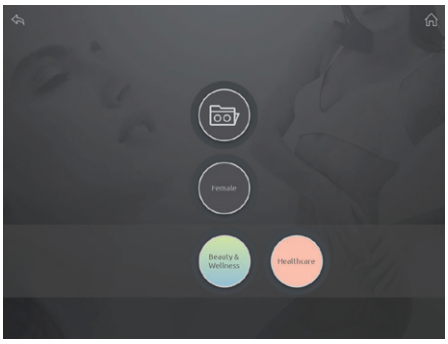
HOME PAGE

Select the central key to start the preset treatments.
"In the home page you have the chance to select the Preselected Programs Menu, where you can find the preset healthcare and beauty & wellness programs; the personal menu, where you can save your customized programs and the free mode where you can create your programs.

In the Preselected Menu you have the possibility to choose between Male Menu and Female Menu.



Then you can choose between BEAUTY & WELLNESS PROGRAMS (Base and Focus) and HEALTHCARE PROGRAMS



LASER Robosolo /LASER: 1 W at 950 nm/10 mW at 650 nm (icoone MEDICAL LASER device)

We inserted 2 different LASERs in the Robosolo handpiece to enhance the action against more resistant fat deposits. Looking at the innovation more in depth, the 915 nm LASER targets and stimulates lipids, improving the thermal effect. The 915 nm LASER targets and stimulates lipids, improving the thermal effect. The MMAS of icoone on the heated adipocytes makes the skin smoother.
The LASER action completes the icoone efficiency in improving cellulite appearance. The 650 nm LASER acts on the permeability of cell membranes without causing any damage to the adipocytes. Inside the LASER ROBOSOLO, a 915 nm LASER targets and stimulates lipids, causing an improved thermal effect; the 650 nm LASER allows the modification of the permeability of fat cell membranes, allowing treated fat to move into the interstitial space.

LED Robosolo /LASER: 1 W at 915 nm/50 mW at 650 nm (icoone MEDICAL LASER device)

This Robosolo type has a 915nm LASER that stimulates the reduction of the phenomena of the EFSP, contributes to the improvement of compact tissues. The 650nm LED improves the renewal of cellular tissues, lymphatic and venous microcirculation, facilitates the drainage of excess fluids. It promotes the healing of damaged tissues and accelerates the healing process of inflammations. It stimulates the production of elastin and collagen.

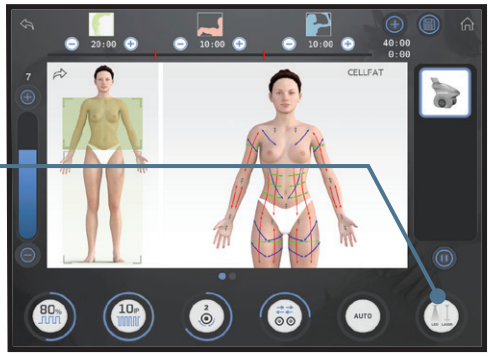
■ **Activation of the LASER for icoone MEDICAL LASER.**

The LED and/or LASER system must be used ONLY for the recommended treatments.

During the LED and/or LASER treatments, the operator and the final user MUST use the appropriate LASER safety eyewear.

When the Robosolo handpiece is connected, this screen is displayed.

To enable LASER or LED emission, push the icon shown on the right and enter the password 4010.



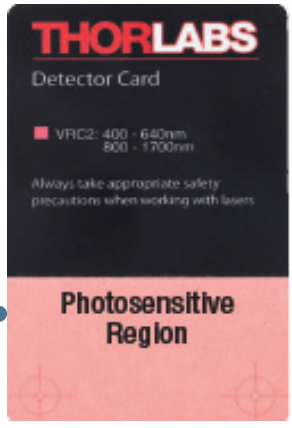
To start/stop emission, push the START / STOP button on the handpiece.

When the handpiece is ready for emission, the status “READY” is displayed.

Attention: a visual signal is displayed during LASER emission, which indicates that LED and LASER have been activated.

Note: the background colour of the display can change depending on the device version.

Card for checking LASER effectiveness



9.1 "Healthcare" menu

- Healthcare menu

Select the treatment desired:

PROGRAMS COVERED BY CE0476 MARKING

- **STIMFLUID**
- **LINFA**
- **IN-PULSE**
- **SKINEW**
- **NOVASKIN**
- **SKINREPAIR**

OTHER PROGRAMS:

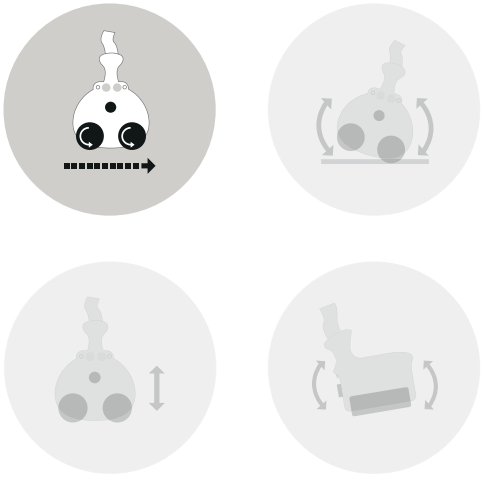
- MASSMOTHER
- PAINMASS
- MIND
- MASSTOTAL
- BALANCING
- NEUROMASS
- VITALJUMP
- MIOCONTRACT
- APONEUROSIS
- FINAL

9 TOUCH SCREEN DISPLAY

STIMFLUID

VASCULAR PROBLEMS. REACTIVATION OF CAPILLARY MICRO-CIRCULATION AND IMPROVEMENT OF LOCAL AND GENERAL BLOOD CIRCULATION.

MOVEMENTS



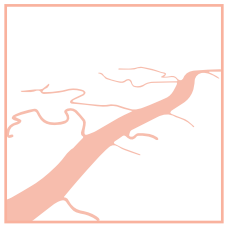
Aim: To drain and stimulate the venous tissue. First phase in treatment of lymphoedema. Third phase in post-liposuction treatment.

Physical examination: Heavy legs, oedema, teleangiectasia.

Patient positions : Supine, prone.

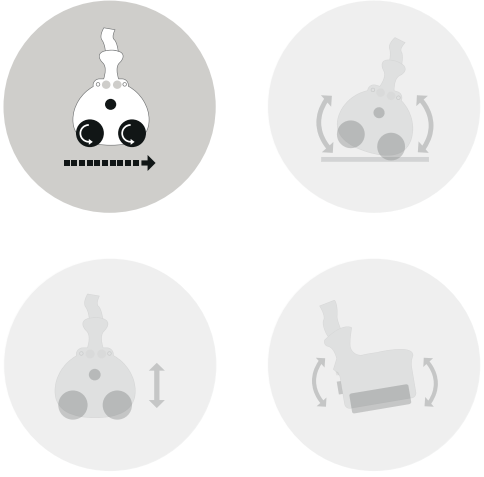
Additional notes: Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue, use grip 2 on thin and delicate skin.

LINFA



LYMPH INSUFFICIENCY, DRAINING OF INTERSTITIAL MATRIX, REDUCTION OF VOLUME.REACTIVATION OF LYMPHATIC CIRCULATION. STIMULATION OF LYMPHATIC CAPILLARS.

MOVEMENTS



Aim: Draining of interstitial matrix, reduction of volume. Second phase in the treatment of the lymphoedema and post-liposuction.

Physical examination: Oedema with cold fovea.

Patient positions: Supine, prone.

Additional notes: Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue, use grip 2 on thin and delicate skin.

FINAL

PERMITS THE ELIMINATION OF METABOLIC WASTE PRODUCTS, MOBILISING THE CONNECTIVE TISSUE.

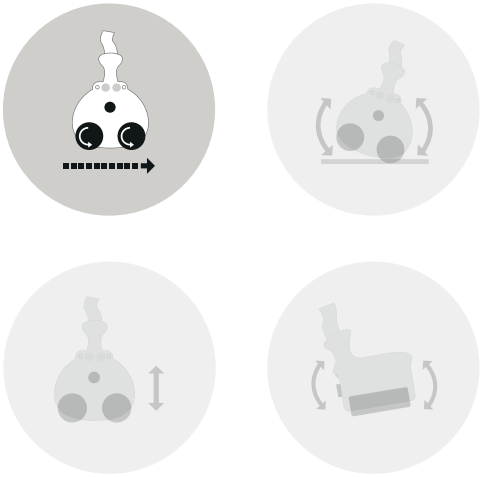
Aim: To conclude the lymph-haematic, muscular and tissue protocols (burns and scars) through MMAS. Third phase in treatment of the lymphoedema. Fourth phase in post liposuction treatment. Conclusive phase in recent and not recent scars and burns treatments, moderately inflamed.

Physical examination: Muscular acidosis, muscular contractions, oedema.

Patient positions: Supine, prone.

Additional notes: Tractions on popliteal fossa and plantar sole for an improvement of the microcirculation.

MOVEMENTS



SKINEW

IMPROVEMENT OF TISSUE QUALITY, OF PROBLEMS LINKED TO OEDEMATOUS FIBROSCLEROTIC PANNICULOPATHY.

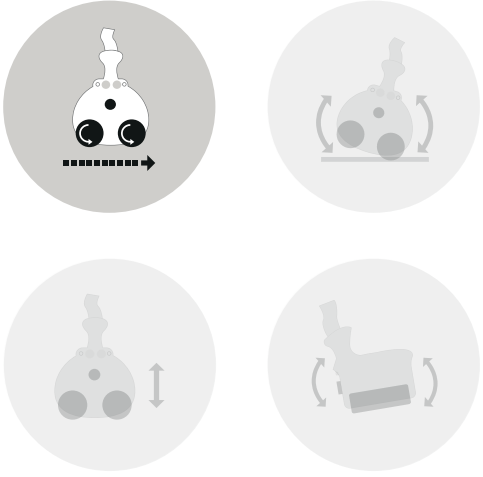
Aim: Improvement of tissue quality, of problems linked to oedematous fibrosclerotic panniculopathy, relieves, drains, smooths. Post-operative treatment. First phase in post-liposuction treatment.

Physical examination: Pain, ecchymosis, oedema, fibrosis, scar.

Patient positions: Supine, prone.

Additional notes: Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue, use grip 2 on thin and delicate skin.

MOVEMENTS



9 TOUCH SCREEN DISPLAY

NOVASKIN

MOBILISES, SOFTENS, MOISTURISES, DRAINS AND STIMULATES CELL REGENERATION WITH A REDUCTION OF INTERSTITIAL FIBROSIS, AIDING SCAR FORMATION IN CASES OF SKIN GRAFTING AND RESULT FROM BURNS.

MOVEMENTS

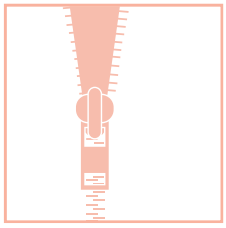
Aim: To mobilise, soften, moisturise, drain, stimulate cell regeneration with reduction of fibrosis of the interstitial matrix, improving healing in the event of skin transplant, recent scars and burns. First phase in treatment of recent scars and markedly inflamed burns.

Physical examination: Vitropressure if <3 seconds= inflamed tissue.

Patient positions: Supine, prone, it depends on the area interested by the lesion.

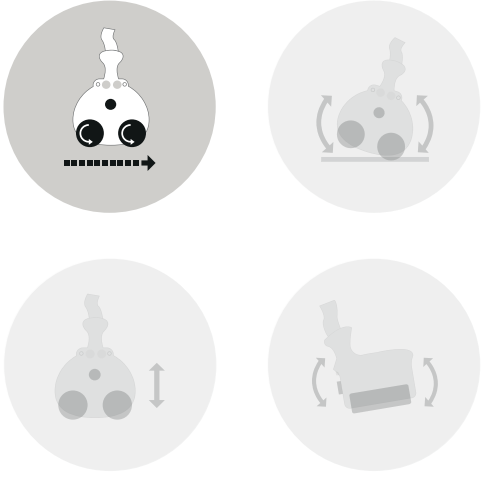
Additional notes: Choose the handpiecepiece (motorized, e.g. Robotwins, Robomini; not motorized, e.g. Robomicro) according to the dimension and condition of the lesion.

SKINREPAIR



MOBILISES, SOFTENS, MOISTURISES, DRAINS AND STIMULATES CELL REGENERATION WITH A REDUCTION OF INTERSTITIAL FIBROSIS, IMPROVING TROPHISM AND ELASTICITY IN BURNS AND SCARS.

MOVEMENTS



Aim: To mobilise, soften, moisturise, drain, stimulate cell regeneration, keeping tissue softness and improving trophism and elasticity. Treatment around the lesion in case of moderately inflamed burns and scars. Second phase on treatment of recent scars and moderately inflamed burns- treat around.

Physical examination: Digital pressure if >3 seconds= hyperaemia, oedema.

Patient positions: Supine, prone, it depends on the area interested by the lesion.

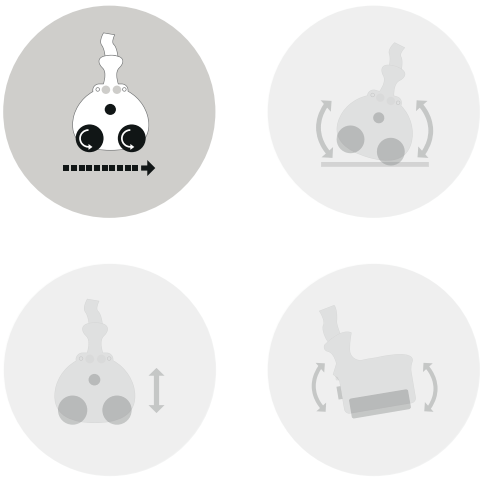
Additional notes: it's possible to treat with the handpiecepiece on the lesion if it is not inflamed.

9 TOUCH SCREEN DISPLAY

MASSMOTHER

DRAINAGE OF AREAS INVOLVED, TONING AND FIRMING OF POST-BIRTH TISSUE.

MOVEMENTS



Aim: To drain, tone and firm the skin tissue of the areas involved.

Physical examination: Skin relaxation, skin pleating, stretch marks.

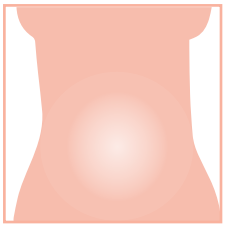
Patient positions: Supine, prone.

Additional notes:

- Prioritize an anti-gravitational action
- Where it is possible, use Robosolo with Led 650nm and LASER 915nm*.

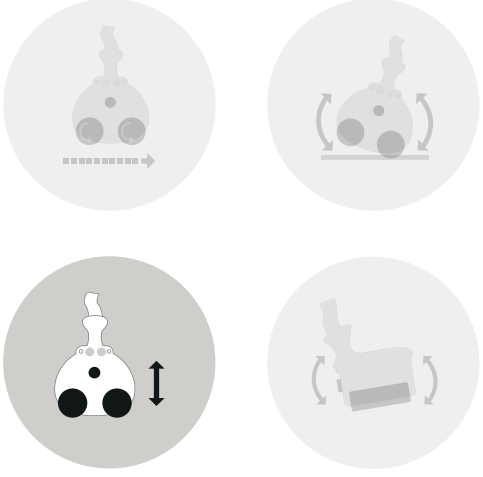
*According to the version/options of the icoone device

IN-PULSE



REACTIVATION AND REGULATION OF INTESTINAL PERISTALSIS, DIAPHRAGM RELAXING.

MOVEMENTS



Aim: To encourage intestinal peristalsis and the relaxing of the diaphragm muscle.

Physical examination: Abdominal palpation.

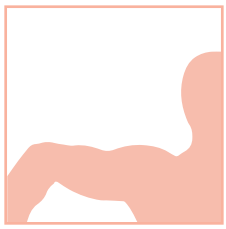
Patient position: Supine.

Additional notes:

- Choose the handpiece according to the dimension of the area.
- When using Robosolo add Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

PAINMASS



TO RELAX MUSCULAR CONTRACTION, TO DRAIN METABOLIC WASTE.

Aim: Pain relief for muscular contraction. To relax muscular contraction, to reduce related nociceptive conditions, to drain metabolic waste. First phase in acute symptomatology.

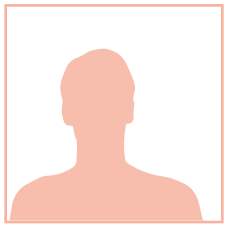
Physical examination: Spontaneous or persistent painful points upon palpation.

Patient positions: Supine, prone.

Additional notes: First treat around the aching area.

MOVEMENTS

MIND



MUSCULAR STIMULATION OF THE BACK NECK AREA DUE TO INCORRECT OR PROLONGED POSTURE.

Aim: Neuro-sensorial and muscolar stimulation of the back neck area. Improving muscle contractions due to incorrect or prolonged posture.

Physical examination: Pain.

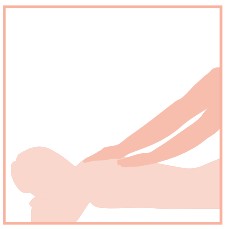
Patient position: Prone.

Additional notes: Follow anatomic shapes.

MOVEMENTS

9 TOUCH SCREEN DISPLAY

MASSTOTAL



RELAXATION OF BODY MUSCLES.

Aim: De-contraction and re-oxygenation of body muscles. Distension of muscle contractions with an increase in blood flow and neuro-vegetative regulation.

Physical examination: Palpation, local hardening, segment or general reduction.

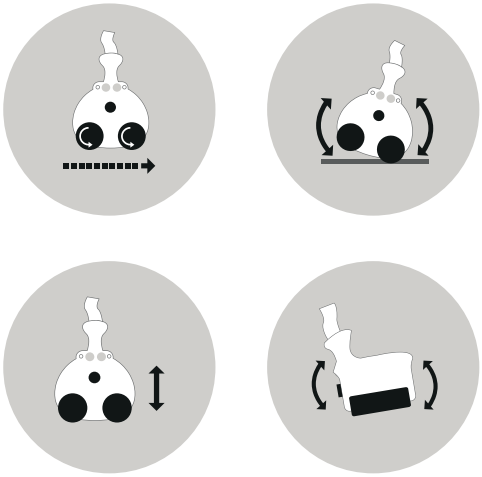
Patient positions: Supine, prone.

Additional notes:

- Use Robosolo for an intense action.
- When using Robosolo add Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

MOVEMENTS



BALANCING

POST-INTENSE PHYSICAL ACTIVITY.

Aim: Support for the athletic activity. To soften the aponeurotic anchorage points of muscular insertion. Conclusive phase of anti-inflammatory muscolar protocol.

Physical examination: Contractions, spasms, painful upper and lower back, muscle relaxing.

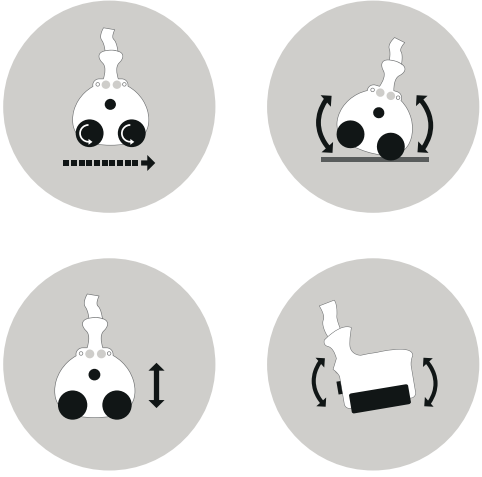
Patient positions: Supine, prone.

Additional notes:

- Use Robosolo for an intense action.
- When using Robosolo add Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

MOVEMENTS

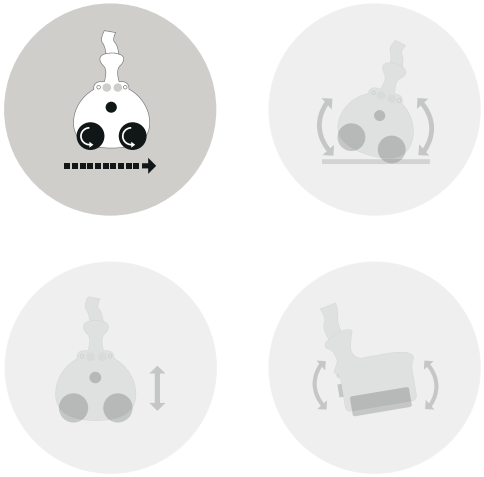


9 TOUCH SCREEN DISPLAY

NEUROMASS

NEURO-VEGETATIVE REGULATION, GENERAL REFLEXOLOGY, REVITALISATION OF BLOOD CIRCULATION.

MOVEMENTS



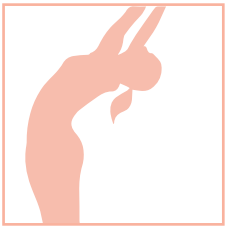
Aim: Regulation of neuro-vegetative system, stimulation of reflex skin, revitalisation of circulation.

Physical examination: Weariness, signs of sympathetectomy.

Patient positions: Supine, prone.

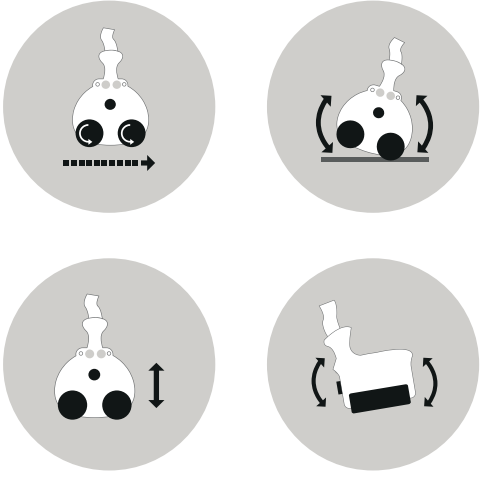
Additional notes: Choose the grip selection according to the condition of the tissue: use grip 3 on regular

VITAL JUMP



PREPARATION FOR SPORT/PRE-COMPETITION, DEEP-DOWN STIMULATION ND OXYGENATION OF MUSCLE.

MOVEMENTS



Aim: Pre-competition, deep-down stimulation and oxygenation of muscles. To mobilise and stimulate muscles and aponeurosis, increase deep muscle oxygenation, preparation for sport, to improve tendon – muscle joints.

Physical examination: Muscular palpation, search for viscoelasticity.

Patient positions: Supine, prone.

Additional notes:

- Use Robosolo for an intense action.
- When using Robosolo add Led 650nm and LASER 915nm*.

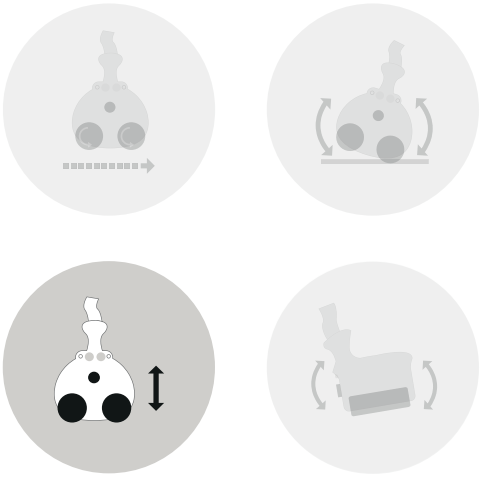
*According to the version/options of the icoone device

9 TOUCH SCREEN DISPLAY

MIOCONTRACT

MYOFIBRILLAR DECONTRACTION.

MOVEMENTS



Aim: Functional recovery of contracted myofibrils in relaxed muscle. Analgesic action. Improvement in metabolic exchange and elimination of metabolic waste products.

Physical examination: Increasing pain on local palpation.

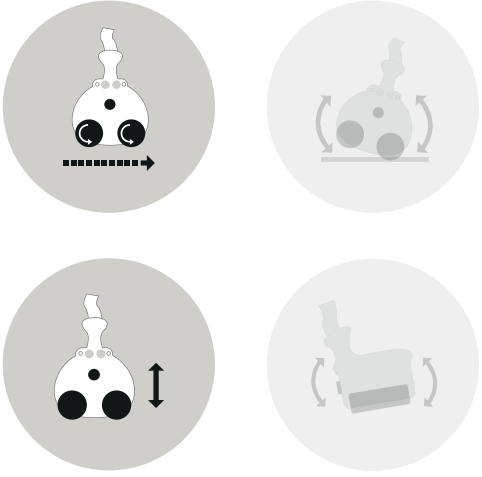
Patient positions: Prone, supine, lateral.

Additional notes: If necessary, when using Robomini insert the inward/outward action.

APONEUROSIS

TENDINOUS AND APONEUROSES DECONGESTION.

MOVEMENTS



Aim: Decongestion of traumatic and nontraumatic inflammation of the aponeuroses and tendons. Functional recovery, decongestion of microcirculation, reduction of inflammatory oedema.

Physical examination: Presence of oedema, tumefaction and pain both on and without palpation.

Patient positions: Prone, supine, lateral.

Additional notes: If necessary, when using Robomini insert the inward/outward action. To treat the area around the tendons, use Robomicro for a more specific stimulation.

9.2 "Beauty and wellness" menu

"BEAUTY AND WELLNESS" MENU

Select "Base" to access **the beauty and wellness Base programs.**

Select "Focus" to access **the beauty and wellness Focus programs.**

9.2.1 "Beauty and wellness" (BASE) menu

"BEAUTY AND WELLNESS" (BASE) MENU

Select the treatment desired:

- CELLDRAIN
- FLOWING
- SILK
- CELLFAT
- BIOYOUNG
- ELASTO
- TONUS
- OPTIMUM

9 TOUCH SCREEN DISPLAY

CELLDRAIN

IMPROVEMENT OF PROBLEMS LINKED TO UNSIGHTLY (MAINLY OEDEMATOUS) CELLULITE.

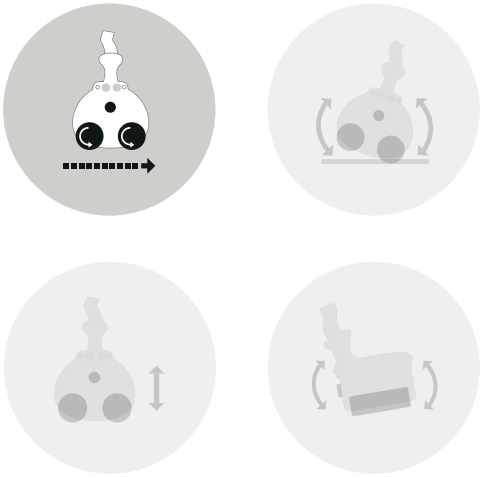
Aim: To drain and re-oxygenate tissues, to improve the lymphatic circulation, to reduce volume.

Physical examination: When the patient is laying, clear water retention with tissue congestion.
Positive reaction to digital pressure on cellulite at stage 2 and 3. Slight pain upon palpation.

Patient positions: Prone, supine.

Additional notes: Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue, use grip 2 on thin and delicate skin.

MOVEMENTS



FLOWING

IMPROVEMENT OF CIRCULATORY FUNCTION.

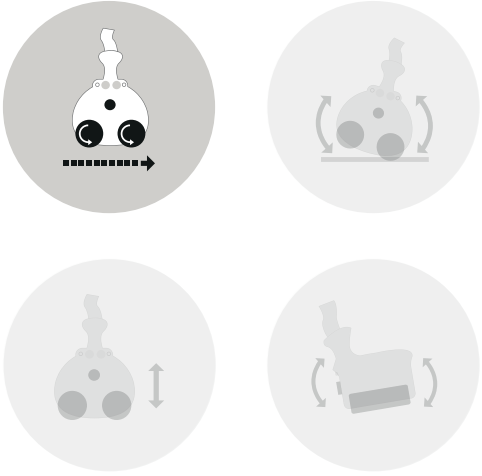
Aim: To facilitate the drainage through a vascular action obtained by using the robotwins.

Physical examination: Heavy legs, capillary networks.

Patient positions: Prone, supine.

Additional notes: Robosolo with Led 650 nm* on athletes and muscular people to improve the oxigenation. Used to improve athletic performances.

MOVEMENTS



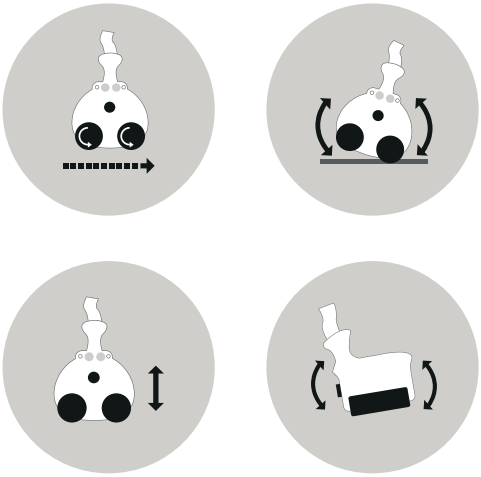
*According to the version/options of the icoone device

9 TOUCH SCREEN DISPLAY

SILK

IMPROVEMENT OF PROBLEMS LINKED TO UNSIGHTLY CELLULITE IN THE PRESENCE OF FIBROSIS.

MOVEMENTS



Aim: To improve the fibrotic state and tissue compactness.

Physical examination: Clear fibrosis (hollows).

Patient positions: Prone, supine.

Additional notes:

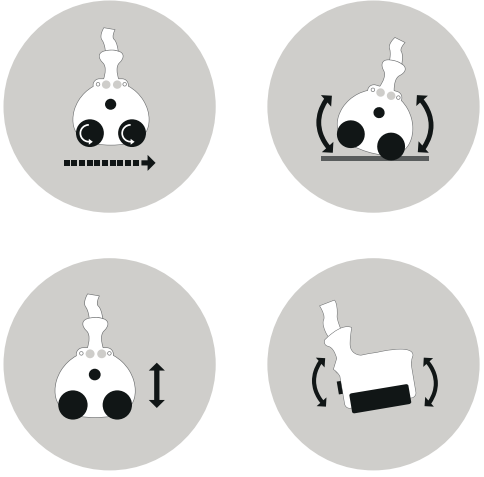
- Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue and moderate fibrosis, use grip 2 on thin and delicate skin with soft fibrosis.
- On resistant tissue with strong fibrosis, use Robosolo adding Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

CELLFAT

IMPROVEMENT OF PROBLEMS LINKED TO UNSIGHTLY (MAINLY ADIPOSE) CELLULITE.

MOVEMENTS



Aim: To mobilise, drain and remodel the areas of the body with adipose tissue and cellulite.

Physical examination: Visible presence of mixed adipose tissue and cellulite.

Patient positions: Prone, supine.

Additional notes:

- Use inward/outward action for a more intense action on localized fat
- When using Robosolo add Led 650nm and LASER 915nm*

*According to the version/options of the icoone device

9 TOUCH SCREEN DISPLAY

BIOYOUNG

ANTI-AGING ACTION, SKIN REGENERATION AND RE-OXIGENATION.

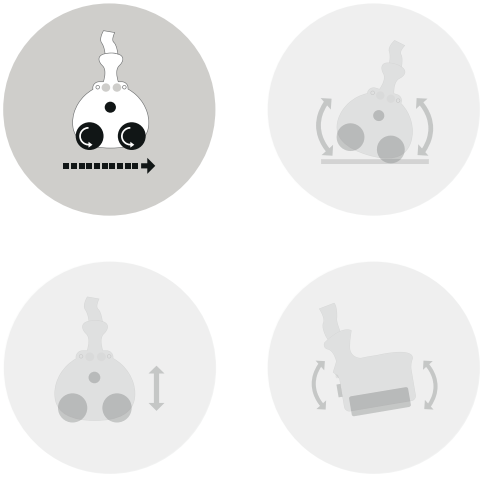
Aim: Tissue regeneration and oxygenation, collagen stimulation, treatment suitable for more delicate areas of the body, such as breast and décolleté.

Physical examination: Very thin tissue, clearly non-tonic and wrinkled, stressed and non-elastic, which, if pinched, remains in the grip position between the fingers, without returning to its original condition.

Patient positions: Prone, supine.

Additional notes: If the skin is very loose, follow only a descending direction. This program can be used on the breast up to the nipple and on stretch marks.

MOVEMENTS



ELASTO

STIMULATION OF TISSUE ELASTICITY.

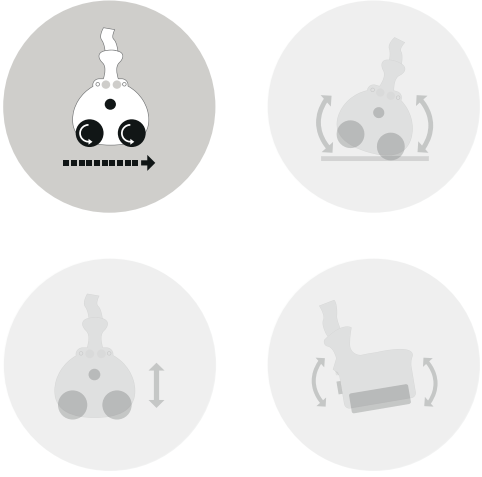
Aim: Stimulation of connective tissue creating demands for collagen and elastin to restore skin elasticity.

Physical examination: Relaxed skin tissue that still responds to natural elasticity, not particularly thin and delicate.

Patient positions: Prone, supine.

Additional notes: If the skin is very loose, follow only a descending direction. This program can be used on the breast up to the nipple.

MOVEMENTS

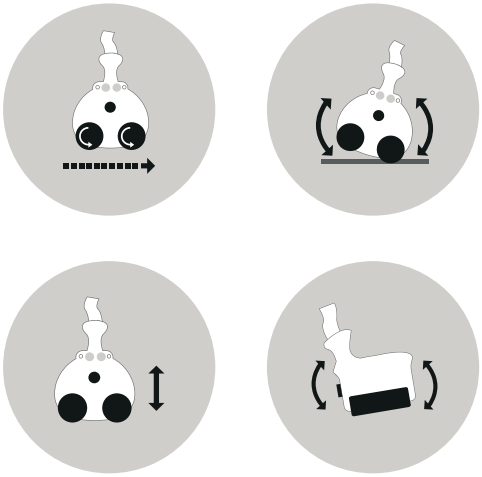


9 TOUCH SCREEN DISPLAY

OPTIMUM

WELLBEING TREATMENT, OVERALL BODY RELAXATION.

MOVEMENTS



Aim: Relaxing treatment, also to be used as preparation to any type of treatment as itstimulates endorphins that relax and make thebody more receptive. Suitable to end the session.

Physical examination: Stress, generalised tension,hyperactivity.

Patient positions: Prone, supine.

Additional notes:

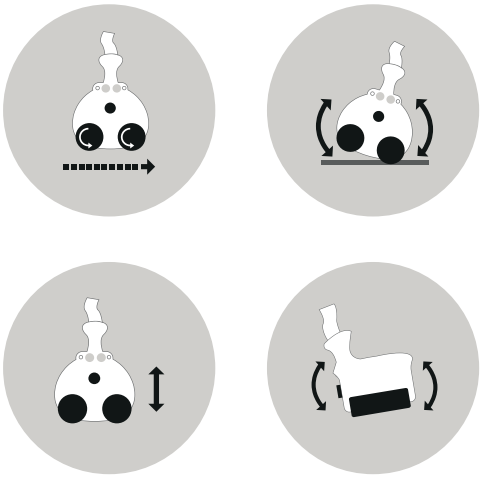
- Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue, use grip 2 on thin and delicate skin.
- When using Robosolo add Led 650nm*

*According to the version/options of the icoone device

TONUS

WELLBEING TREATMENT, IMPROVEMENT OF BODY TONE.

MOVEMENTS



Aim: Energising treatment, valid help for season change weariness or habitual tiredness.

Physical examination: Non-tonic, weariness, tiredness.

Patient positions: Prone, supine.

Additional notes: Choose the grip selection according to the condition of the tissue: use grip 3 on regular tissue, use grip 2 on thin and delicate skin.

9.2.2 "Beauty and wellness" (FOCUS) menu

- "Beauty and wellness" (FOCUS) menu

Select the treatment desired:

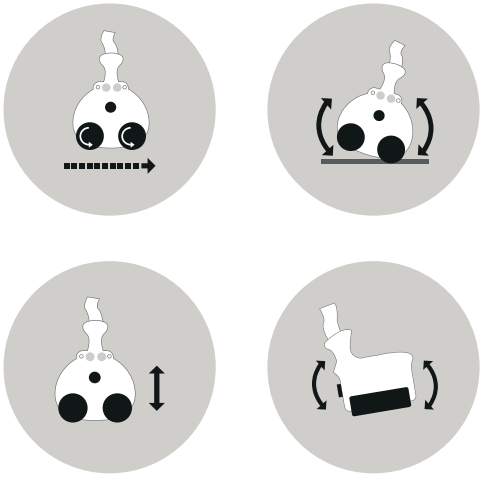
- SILHOUETTE
- MODELPLUS
- REMOD
- HIGHPLUS
- MEN-ZONE
- ABDOTON
- ARMTON
- INTON
- FATZONE
- NECK-FACEDRAIN
- NECK-FACE ONE
- NECK-FACE TWO
- YOUNGTOUCH (NEW PROGRAM)
- CHINSCULPT (NEW PROGRAM)
- SMOOTHFACE (NEW PROGRAM)
- EYELIGHT (NEW PROGRAM)

9 TOUCH SCREEN DISPLAY

SILHOUETTE

BODY REMODELLING AND REDUCTION.

MOVEMENTS



Aim: Remodelling of the silhouette, regardless of body mass.

Physical examination: Figure to be remodelled, lack of body harmony, regardless of the presenceof adipose tissue, from below the buttocks to the shoulders.

Patient positions: Prone, supine, lateral.

Additional notes:

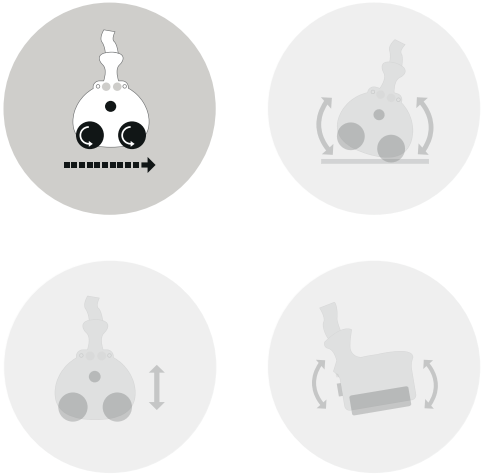
- If necessary, use inward/outward action.
- When using Robosolo add Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

MODELPLUS

MODELLING AND FIRMING OF BUTTOCKS.

MOVEMENTS



Aim: To remodel, firm, lift and compact the buttocks.

Physical examination: Buttock shape not well defined, buttock relaxation and non-tonic tissue.

Patient position: Prone.

Additional notes:

- Prioritize an anti-gravitational action
- When using Robosolo add Led 650nm and LASER 915nm*.

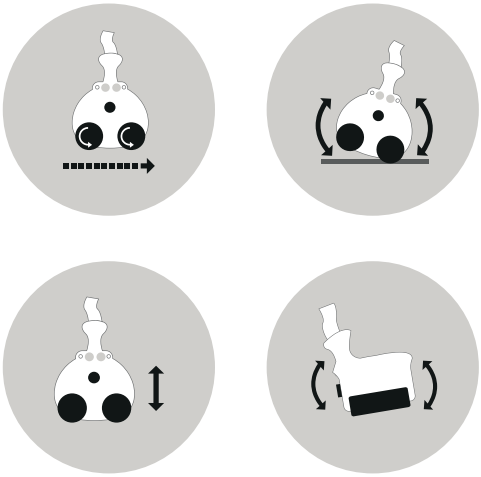
*According to the version/options of the icoone device

9 TOUCH SCREEN DISPLAY

REMOD

REDUCTION AND MODELLING OF KNEE, CALF AND ANKLE ADIPOSE.

MOVEMENTS



Aim: To remodel, drain and mobilise localised fat, to slim the ankle, calf and knee.

Physical examination: Lower leg visibly swollen, without shape, swollen ankle, swollen calf, knee with localised fat.

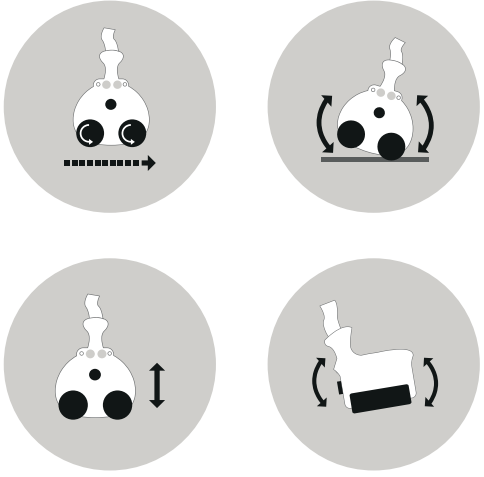
Patient positions: Prone, supine, the treated leg can be bent.

Additional notes: If necessary, when using Robomini insert inward/outward action.

HIGHPLUS

REDUCTION AND MODELLING OF UPPER BODY AREAS AND THE BACK OF THE NECK.

MOVEMENTS



Aim: Mobilisation of the adipose tissue, reduction of fatty deposits, general remodelling of the area.

Physical examination: Back and arm area with presence of adipose tissue, fat deposits including the back of the neck.

Patient positions: Supine, prone.

Additional notes:

- If necessary, use inward/outward action.
- When using Robosolo add Led 650nm and LASER 915nm*.

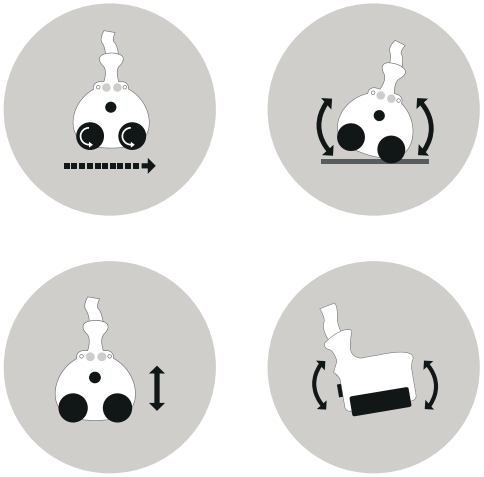
*According to the version/options of the icoone device

9 TOUCH SCREEN DISPLAY

MEN-ZONE

REDUCTION, MODELLING AND TONING OF THE WAIST.

MOVEMENTS



Aim: To reshape the waist, to tone and firm the tissues.

Physical examination: Waist weighed down with adipose and relaxed tissue.

Patient positions: Prone, supine, lateral.

Additional notes:

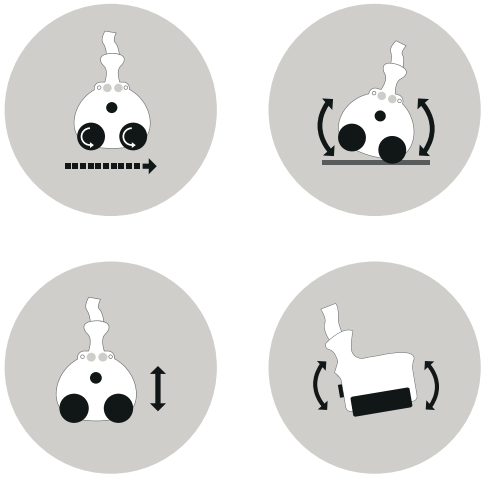
- If necessary, use inward/outward action.
- When using Robosolo add Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

FATZONE

MOBILISATION OF LOCALISED FATS IN THE BODY AND TREATMENT OF OUTER AREAS.

MOVEMENTS



Aim: To mobilise localised fat.

Physical examination: Presence of areas with localised fat, fat deposits on outer areas.

Patient positions: Prone, supine, lateral

Additional notes:

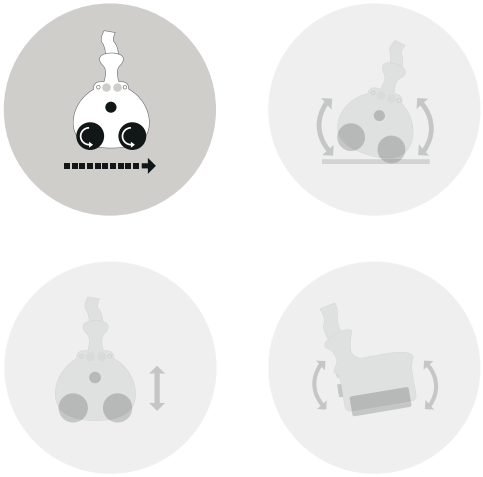
- If necessary, use inward/outward action.
- When using Robosolo add Led 650nm and LASER 915nm*.

*According to the version/options of the icoone device

ABDOTON

TONING AND FIRMING OF THE ABDOMINAL AREA.

MOVEMENTS



Aim: To tone and firm the skin in the abdominal area

Physical examination: Abdominal area with evidently relaxed and wrinkled tissue-

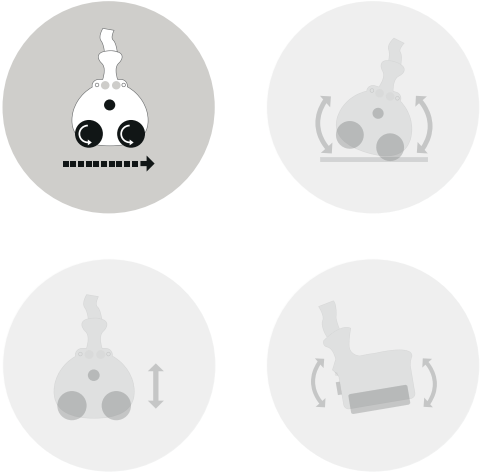
Patient position: Supine.

Additional notes: If the skin is very loose, follow only a descending direction.

ARMTON

STIMULATION OF ARM TISSUE ELASTICITY.

MOVEMENTS



Aim: Firming and toning of the arm skin tissue, with particular interest for lax internal arm.

Physical examination: loose skin on the inner arm.

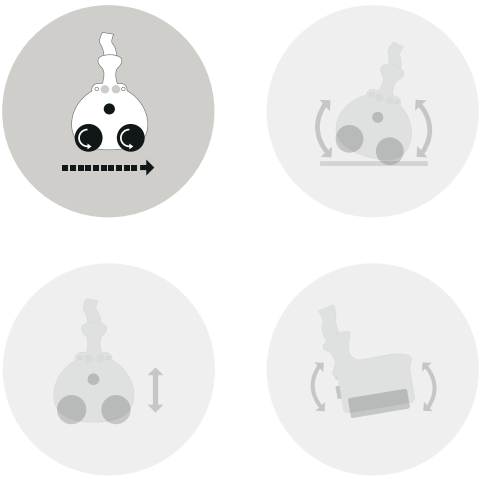
Patient position: Supine.

Additional notes: If the skin is very loose, follow only a descending direction.

INTON

INNER THIGH MODELLING AND STIMULATION OF TISSUE ELASTICITY.

MOVEMENTS



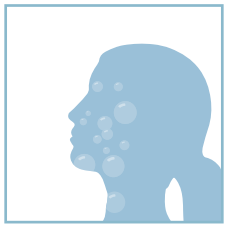
Aim: Firming, toning and remodelling the inner thigh area.

Physical examination: Non-tonic and tissue relaxation of the inner thigh area.

Patient positions: Supine, with one bent leg. The foot of the treated leg should be aligned to the knee of the other leg. Alternatively, bend the leg on the side in such a way that it exposes the inner thigh.

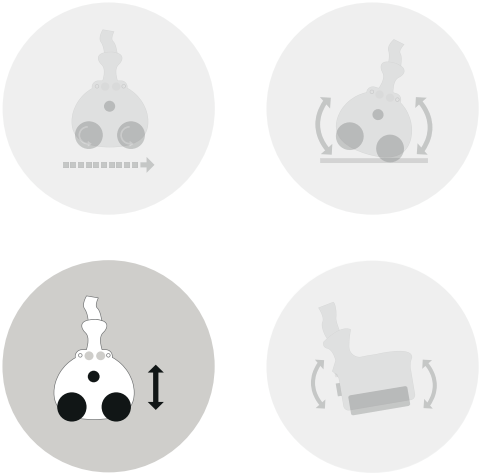
Additional notes: If the skin is very loose,follow only a descending direction.

NECK FACE DRAIN



UPPER CHEST, FACE AND NECK DRAINAGE.

MOVEMENTS



Aim: Mobilisation and drainage of delicate infiltrated tissues such as the upper chest, neck, face and eye/lip contour.

Physical examination: Inflitrated tissue, congested areas such as the eye contour, visible microcirculation alteration.

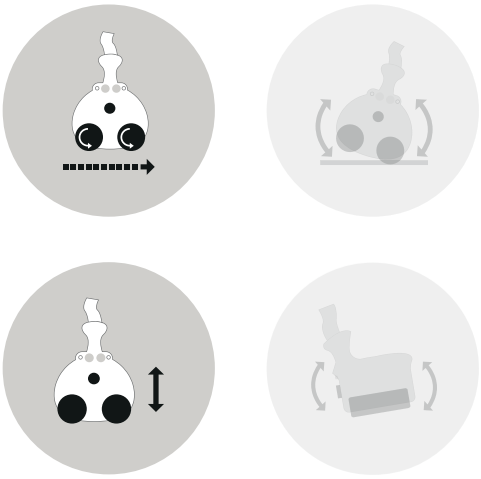
Patient position: Supine.

Additional notes: Lymphatic stations opening. If the patient has not received a body treatment before the face treatment, begin the lymphatic stations opening from the decolletè. If the patient has received a body treatment before the face treatment, begin the lymphatic stations opening from the neck, without treating the decolletè.

NECK FACE ONE

SUPERFICIAL STIMULATION OF THE TISSUE.

MOVEMENTS



Aim: Improvement of very relaxed and thin tissue texture, in particularly delicate areas such as the upper chest, neck, face and eye/lip contour, using multi micro stimulation to boost collagen and elastin production. Oxygenation of the tissues to improve their condition.

Physical examination: Slack, thin and asphyxiated skin, presence of wrinkles.

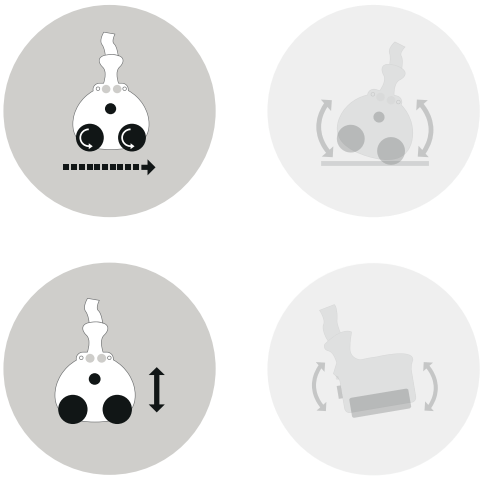
Patient position: Supine.

Additional notes: Lymphatic stations opening. If the patient has not received a body treatment before the face treatment, begin the lymphatic stations opening from the decolletè. If the patient has received a body treatment before the face treatment, begin the lymphatic stations opening from the neck, without treating the decolletè. At the end of the treatment, use Robomini for 2-3 minutes on the muscles intersections.

NECK FACE TWO

MORE INTENSE STIMULATION OF THE TISSUE.

MOVEMENTS



Aim: Stimulation of the connective tissue of delicate areas such as the upper chest, neck, face and eye/lip contour, in order to restore adequate tissue compactness and stimulate collagen and elastin production.

Physical examination: Slack, toneless skin with marked expression lines.

Patient position: Supine.

Additional notes: Lymphatic stations opening. If the patient has not received a body treatment before the face treatment, begin the lymphatic stations opening from the decolletè. If the patient has received a body treatment before the face treatment, begin the lymphatic stations opening from the neck, without treating the decolletè. At the end of the treatment, use Robomini for 2-3 minutes on the muscles intersections. Use grip 2.

9 TOUCH SCREEN DISPLAY

YOUNG TOUCH

HANDS REGENERATION, TONING AND COMPACTNESS.

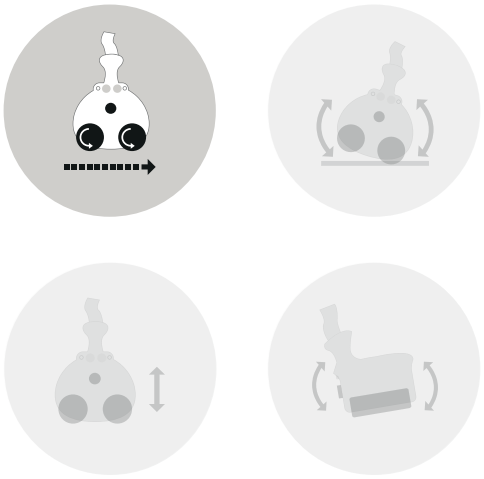
Aim: hand regeneration, connective tissue stimulation for collagen and elastin synthesis.

Physical examination: thinned, damaged and wrinkled skin.

Patient position: supine.

Additional notes: treat the affected area following the anatomy of the hand, adapting the handpieces to the treated areas to ensure a correct M.M.A.S. up to the smallest areas such as the fingers.

MOVEMENTS



CHIN SCULPT

STIMULATION OF THE LOCALIZED FAT IN THE DOUBLE CHIN.

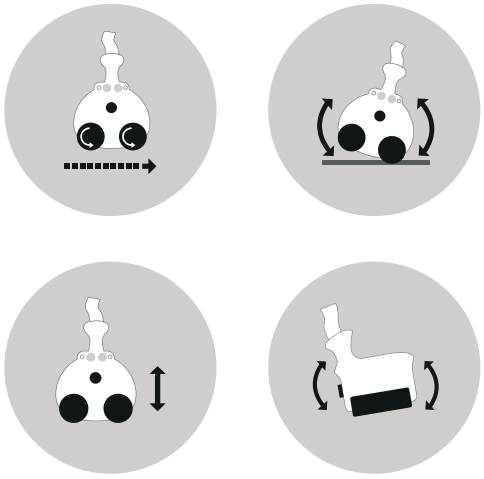
Aim: definition and stimulation of fat under the chin. Definition of the face contour to restore harmony.

Physical examination: adipose tissue accumulation under the chin, not defined face contour.

Patient position: supine.

Additional notes: treat the area following the face anatomy, adapting the handpieces to the size of the treated areas to guarantee a correct M.M.A.S.

MOVEMENTS



9 TOUCH SCREEN DISPLAY

EYELIGHT

DRAINAGE, IMPROVEMENT OF THE MICROCIRCULATION IN PERIOCULAR AREA.

Aim: drain, reoxygenate and improve the microcirculation in the periocular area order to make the face brighter and flawless.

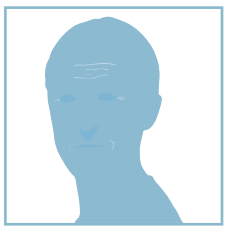
Physical examination: fluid retention in periocular areas; eyes contour is oedematous and lacking of oxygenation.

Patient position: supine.

Additional notes: stimulation of the lymphatic points. Focused stimulation in the eye area; perfect in combination with a full face drainage.

MOVEMENTS

SMOOTH FACE



ANTI-AGING EFFECT ON THE MOST MARKED FACE LINES.

Aim: reduction, regeneration and reoxygenation of the deepest wrinkles, resulting over the time.

Physical examination: pronounced lines, face marked by the time.

Patient position: supine.

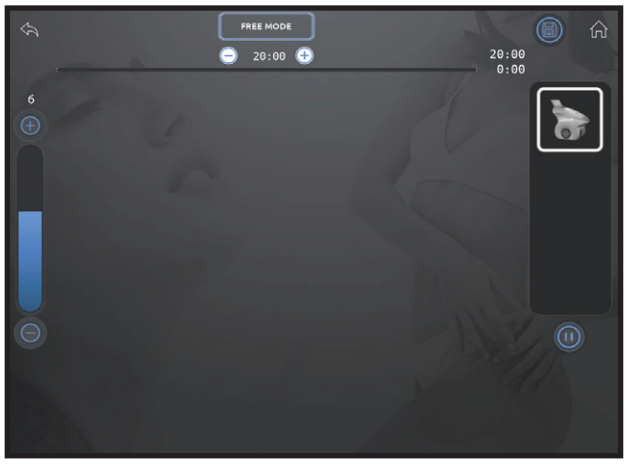
Additional notes: stimulation focused on marked wrinkles, complete oxygenation up to the smallest areas.

MOVEMENTS

9.3 "Free" mode

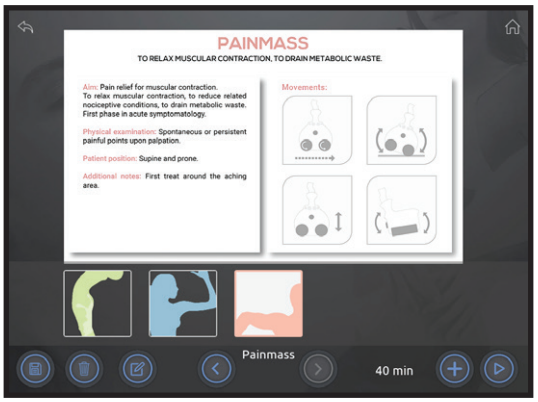
icoone MEDICAL LASER offers the possibility of creating, saving and retrieving personalised treatments according to individual customer needs and operator experience.

Select **FREE MODE** from the main menu.



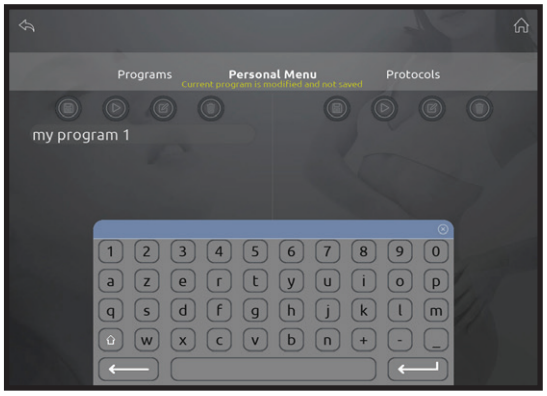
Creation of customized protocol

A customized protocol can be created combining the existing icoone preselected programs. The protocol can be saved in the Personal menu.
After setting all the parameters, press the SAVE button, to save the customized protocol.

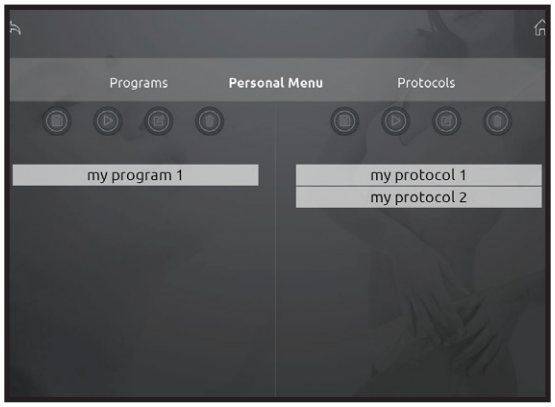


A message will appear on the screen on where to save the protocol.

Press the SAVE button; a window will open with the keyboard that asks you to enter the name of the program or protocol. Once you have finished writing the name, press ENTER on the keyboard.



Once the operation for the creation of the program or protocol has been completed, they can be displayed on the side screen.

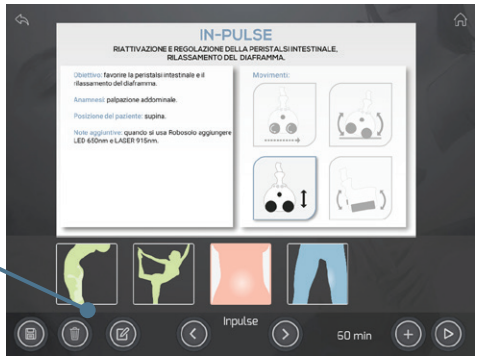


Retrieving a customized protocol

To use a personalised treatment saved in the icoone MEDICAL LASER memory, go to the personal menu.

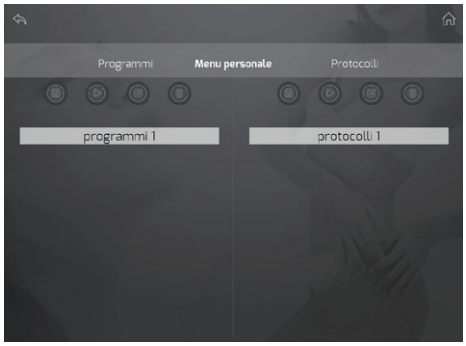
Modifying a customized protocol

To replace a program previously saved in the protocol, select the icon and choose a new program.
The modified protocol can be saved in an folder or it can be overwritten to the existing one.



Deleting a customized protocol

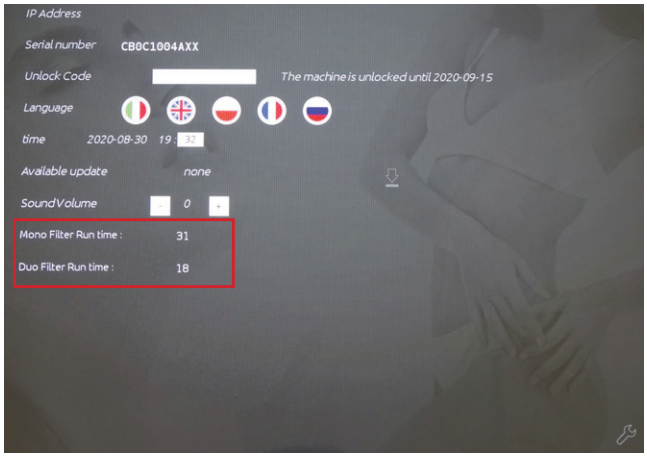
To delete an obsolete or incorrect personalised treatment, access the page and press the trash key.



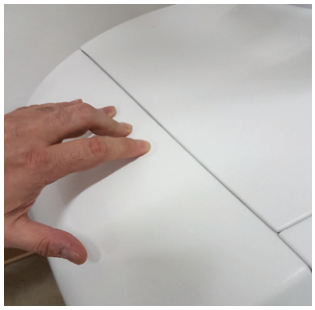
SCHEDULED MAINTENANCE OPERATIONS

FILTERS

The filters need to be changed periodically after 50 working hours; the time can be checked using the service menu. Once the machine outreaches the 50 hours, the device will make a sound.



To access the filters, open the front compartment.
Remove the used filter by turning it slightly.
To insert the new filter, apply slight pressure until completely closed.
Close the compartment to complete the operation.

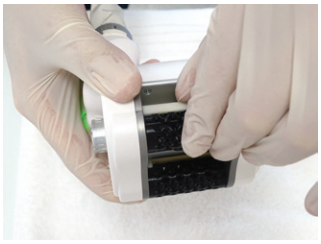


Once the filters have been replaced, reset the timer, as shown in the related icon (clock symbol).

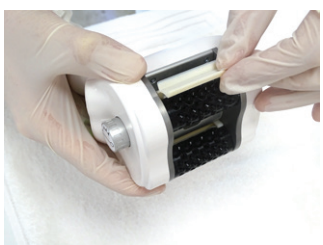
- select the icon that corresponds to the filter (the icon is activated);
- reset the value by pressing the icon once more (the value will be set to zero and the icon will be deactivated).

CHANGING THE FLAPS

For Robosolo, Robotwins, Robomini models replace the flaps every 50 hours, at the same time as the filters.
For Robomicro, replace the flaps every 25 hours.
The procedure is activated as shown in the photo above: the CLEANING icon will start blinking and it will not be possible to proceed until the operation has been completed.



To remove the flap:
Insert a finger above the edge of the flap and turn, pulling downwards.



To insert the flap:
Rest the flap on the MICROSTIMULATOR, keeping Robosolo or Robotwins towards the outside.
Push the flap inwards, applying upward pressure.

EXTRAORDINARY MAINTENANCE OPERATIONS

Every 2 years, please do an icoone MEDICAL LASER electrical safety check up, as established by the EN62353 standard.

CHANGING THE Handpiece

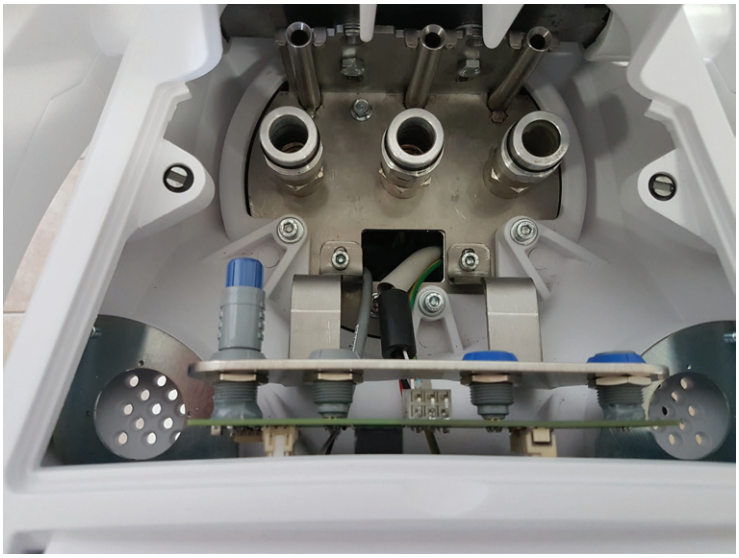
If a Robotwins handpiece must be replaced, remove it following the steps below:

1. Disconnect the electric connector by holding the grey body on the sides and pulling up.
2. Disconnect aspiration by pulling the connector up.
3. Hold the braid and remove the flexible rod by pulling up.

If a Robosolo or Robominior Robomicro handpiece must be replaced, disconnect it as described in chapter 7.

If a flexible pipe must be replaced, disconnect the handpiece as described in chapter 7, then remove the pipe as described above.

Switch the machine on and follow the installation procedure to install the new handpiece (p. 27)



CHANGING FUSES

Disconnect the power supply cable from the machine.
Using a suitable screwdriver, open the rear cover, unscrew the fuse-holder a half turn anticlockwise.

Remove the fuse-holder.

Change the damaged fuse with a new one with the following characteristics.

T8A 250V 5X20 - for 50 Hz models
T15A 250V 5X20 - for 60 Hz models

EMISSION ASPECTS (table 202)

Guide and manufacturer's declaration on electromagnetic emissions (IEC 60601-1-2 Table 201)

The device is designed and manufactured for operation in an electromagnetic environment with the following characteristics.

The customer or user of icoone MEDICAL LASER must guarantee that the device is used in such environments.

RF emissions	Group 1	The products use RF energy only for their internal operation. Consequently, their RF emissions are very low and will probably not cause any interference with electronic devices in their vicinity
RF emissions	Class A	The emission characteristics of this equipment make it suitable for use in industrial and hospital areas (CISPR 11 class A). If used in a residential environment (for which class B CISPR 11 is normally required), the equipment may not offer adequate protection for radio frequency communication services. It may be necessary for the user to take mitigation measures, such as relocating or reorienting the equipment.
Harmonic emission	Class A	
Voltage fluctuations/flicker emissions	Compliant	

IMMUNITY ASPECTS

Immunity tests	Test level IEC 60601-1-2	Conformity level	Electromagnetic environment (guide)
Immunity test Electrostatic discharges (ESD) IEC 61000-4-2	±8 kV (contact) ±2 kV ±4 kV ±8 kV ±15 kV (air)	Compliant	The floors must be made of wood, concrete or ceramic. If the floors are made of synthetic material, the relative humidity must be at least 30%.
Electrical Fast Transient/ Burst IEC 61000-4-4	±2 kV for power supply lines	Compliant	
Surge IEC 61000-4-5	±0.5 ±1 kV differential mode	Compliant	The quality of the grid voltage should be that of a typical healthcare or commercial environment
	±0.5 ±1 kV ±2 kV common mode	Compliant	
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	0% Ut; per 0.5 cycle at 0°,45°,90°,135°,180° 225°,270° and 315° 0% Ut; 1 cycle 70% Ut; 25/30 cycles Single-phase: at 0°	0% Ut; per 0.5 cycle at 0°,45°,90°,135°,180° 225°,270° and 315° 0% Ut; 1 cycle 70% Ut; 25/30 cycles Single-phase: at 0°	The quality of the grid voltage should be that used in a typical healthcare, commercial or hospital environment If the user of icoone MEDICAL LASER requires continuous operation, also during grid voltage interruptions, we recommend that icoone MEDICAL LASER be supplied with uninterruptible power supply or a battery.
Magnetic field of the power frequency (50/60 Hz) IEC 61000-4-8	30 A/m	30 A/m	The magnetic fields at grid frequency must have characteristic levels typical of healthcare or commercial environments.

note: UT is the AC mains voltage prior to application of the test level.

IMMUNITY ASPECTS (table 202)

Immunity test	Test level IEC 60601-1	Conformity level	Electromagnetic environment (guide)
RF conduit IEC 61000-4-6	3 Vrms from 150kHz to 80 MHz outside ISM and amateur radio bands 6V (from 6MHz to 80MHz) outside amateur radio bands	3 Vrms from 150KHz to 80 MHz	The distance between portable and mobile radiofrequency communication equipment and the pieces of the icoone MEDICAL LASER system, including cables, must not be lower than that calculated based on the equation that applies to the transmitter's frequency. D = 1.2VP where P is the maximum rated output power of the transmitter in W according to the manufacturer of the transmitter and d is the separation distance in metres
Irradiated RF IEC 61000-4-3	3 V/m From 80 MHz to 2.7 GHz 3 V/m, 1 KHz AM 80% 90 MHz 27 V/m, 18 Hz PM 50% 385 MHz 28 V/m, 18 Hz PM 50% 450 MHz 9 V/m, 217 Hz PM 50% 710 MHz, 745 MHz, 780 MHz 28 V/m, 18 Hz PM 50% 810 MHz, 870 MHz, 930 MHz 3 V/m, 1 KHz AM 80% 1 GHz – 2.7 GHz 28 V/m, 217 Hz PM 50% 1.7 GHz – 1.99 GHz 28 V/m, 217 Hz PM 50% 2.4 GHz – 2.57 GHz 9 V/m, 217 Hz PM 50% 5.1 GHz – 5.8 GHz	3 V/m From 80 MHz to 2.7 GHz 3 V/m, 1 KHz AM 80% 90 MHz 27 V/m, 18 Hz PM 50% 385 MHz 28 V/m, 18 Hz PM 50% 450 MHz 9 V/m, 217 Hz PM 50% 710 MHz, 745 MHz, 780 MHz 28 V/m, 18 Hz PM 50% 810 MHz, 870 MHz, 930 MHz 3 V/m, 1 KHz AM 80% 1 GHz – 2.7 GHz 28 V/m, 217 Hz PM 50% 1.7 GHz – 1.99 GHz 28 V/m, 217 Hz PM 50% 2.4 GHz – 2.57 GHz 9 V/m, 217 Hz PM 50% 5.1 GHz – 5.8 GHz	d = 1.2VP from 80 MHz to 800 MHz From 800 MHz to 2.5 GHz where P is the maximum rated output power of the transmitter in W according to the manufacturer of the transmitter and d is the separation distance in metres The intensity of the fields that originate from fixed radiofrequency transmitters, established with an electromagnetic field survey[a], must be lower than the conformity level for each frequencyb range. Interference could occur in the vicinity of devices with the following symbol: 

Note 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency interval applies.
Note 2: these guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection by structures, objects and persons.

a) The intensity of the fields generated by fixed transmitters, such as base stations for telephones (mobile/cordless) and land mobile radio, amateur radio equipment, radio transmissions in AM and FM and TV transmissions cannot be theoretically foreseen with precision. To assess an electromagnetic environment generated by fixed radiofrequency transmitters, it is necessary to conduct a field survey.
If the intensity of the magnetic field measured in the place where the icoone MEDICAL LASER system is used is higher than the aforementioned applicable RF conformity level, it is necessary to check the correct operation of the icoone MEDICAL LASER system. In the event of irregularities, it is necessary to adopt additional measures, e.g. modify the orientation or placement of the icoone MEDICAL LASER system.
b) Beyond the frequency range between 150 kHz and 80 MHz, the field force must be lower than
[V1] V/m.

ELECTROMAGNETIC COMPATIBILITY

Recommended separation distances between portable and mobile communication devices and the icoone MEDICAL - icoone MEDICAL LASER device

icoone MEDICAL LASER is foreseen to operate in an electromagnetic environment in which radiated RF disturbances are under control. The customer or user of icoone MEDICAL LASER can help prevent electromagnetic interference by ensuring a minimum distance between mobile and portable RF communication devices (transmitters) and as recommended below, in relation to the maximum output power of the radiocommunication devices.

Transmitter maximum rated output power (W)	Distance based on the transmitter's frequency (m)		
	From 150 kHz to 80 MHz d = 1.2 √P	From 80 MHz to 800 MHz d = 1.2 √P	From 800 MHz to 2.5 GHz d = 2.3 √P
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters with a maximum rated output power that does not appear in the table, the recommended distance in metres (m) can be estimated using the equation that applies to the transmitter's frequency, where P is the maximum rated output power of the transmitter in watts (W) according to the transmitter's manufacturer.

Note 1: at 80 MHz and 800 MHz, the distance recommended for the highest frequency band applies.

Note 2: it is possible that these guidelines do not apply to all situations. Electromagnetic propagation depends on absorption and reflection by structures, objects and persons.

Portable or RF devices with radio communication should be used at a distance of 30cm, so as not to affect the operation of icoone Medical and Medical LASER.

The use of accessories, transducers and cables other than those sold by the manufacturer as spare parts for internal components may enhance emissions, decreasing the product's immunity.

The device should not be used close to or stacked with other machines. If this situation is unavoidable, monitor the device and check that it is operating properly.

The power supply cable is 2 mt long.

PRESSURE CORRESPONDENCE VALUES ON THE DISPLAY - RELATIVE PRESSURE

Suction power values indicated on the display during the treatment are listed in the following table in terms of pressure; they are divided based on the environment of interest.

Power	Relative pressure (mbar)*			
	Solo	Twin	Mini	Micro
1	-130	-140	-100	-10
2	-200	-250	-150	-20
3	-290	-350	-200	-30
4	-370	-410	-280	-50
5	-460	-470	-360	-90
6	-550	-530	-450	-160
7	-600	-600	-510	-230
8	-650	-670	-580	-320
9	-690	-690	-640	-420
10	-720	-710	-680	-520

* ±5% precision

MACHINE DATA

MODEL	icoone MEDICAL LASER
DIMENSIONS	70 cm x 185 cm x 50 cm
WEIGHT	87 kg
VOLTAGE	230 Vac
POWER	1600 VA
FREQUENCY	50 Hz / 60 Hz
LIFE	10 years, based on the technical data available for the critical component vacuum pump model VT4.25 or VT4.16 which is declared by the supplier with a life of more than 10 years, considering an average annual use of approximately 800/1000 hours.

icoone MEDICAL LASER

Configuration	Plug type	No. of handpieces	Supply voltage
650E (LED/LASER)	A: CEE (CEE7/7 type F) B: GB (BS1363 type G) C: USA (NEMA 5-15 type B)	11 handpieces	2 (230 V CA 50Hz) 4 (110-120 V CA 60Hz)

Example:
650EA22 icoone MEDICAL LASER, CEE plug, 11 handpieces, 230 V AC 50Hz (blue)

	LASER SPECIFICATIONS	LED SPECIFICATIONS
Exposure time	10 s	N/A
Wavelength	915 nm	650 nm
Max power	1 W	50 mW
Beam divergence	0.28 rad	N/A
NOHD	0.32 m	N/A
MPE	2.69E+01 W/m2	N/A
OD	LB2	N/A
LASER class	IV	N/A

Note 1: During the lifetime of the device, the energy LASER values can diverge from the maximum values by 15%.
Note 2: The device is equipped with an internal measuring system to control the actual emission of LASER energy. The device does not require calibration.

12 GENERAL WARRANTY CONDITIONS

General warranty conditions

You have purchased a machine manufactured by I-TECH INDUSTRIES s.r.l.
The purchase of this device implies the full acceptance, by the purchaser/professional user, of these general conditions. If the device was bought from an authorised I-TECH INDUSTRIES s.r.l. dealer, the user must refer to said supplier's general conditions of warranty. These conditions may in no case imply a modification to, nor an increase in, the commitment of the manufacturer with regard to the present conditions.
I-TECH INDUSTRIES s.r.l. guarantees the good workmanship and quality of the device. This warranty applies to the machine's first use and is valid for 12 months from the machine's delivery date, regardless of the date of first use, without however exceeding 2,000 hours of use. I-TECH INDUSTRIES s.r.l. undertakes to repair or replace, free of charge, all parts that, in this period of time, may become unusable due to manufacturing defects or materials and that are deemed as such by I-TECH INDUSTRIES s.r.l., without obligation to replace the entire machine.
The costs for the transport of the device and the spare parts from and to assistance centres are excluded from the warranty and will, therefore, be borne by the buyer/user. The replacement and/or repairs to the parts under warranty shall in no case prolong the terms of the warranty. The replace parts shall become the property of I-TECH INDUSTRIES s.r.l.
The purchaser must collaborate in all ways necessary, also in terms of time, to allow I-TECH INDUSTRIES s.r.l. to proceed with the necessary repairs and the delivery of the spare parts. Failure to do so exempts I-TECH INDUSTRIES s.r.l. from the obligations of the warranty. In the case of disputes arising from the interpretation, validity and efficacy of this warranty, the jurisdiction where I-TECH INDUSTRIES s.r.l. has its registered office shall be considered the exclusively competent court, regardless of any other jurisdiction clause agreed between the contracting parties.

The warranty does not apply in the following cases:

damage during transport. This device is transported at the risk of the recipient. It is said recipient's responsibility to check, before dispatch, that the device is in excellent condition;
failure to comply with the installation and use rules indicated in the I-TECH INDUSTRIES s.r.l. user manual, any negligence to device maintenance and cleaning of the filter cartridges, connection to a defective electricity line or one without an earth connection or with a voltage different from that indicated on the plate of the device;
incorrect, improper or negligent use of the device by the user, or in any case not in conformity with the instructions supplied by I-TECH INDUSTRIES s.r.l.;
installation of the device in an unsuitable place;
modification, mounting of accessories or dismantling of the device;
any intervention not included in the user manual I-TECH INDUSTRIES s.r.l. and carried out on the device by the user or by a third party not authorised by I-TECH INDUSTRIES s.r.l.;
use of unsuitable products or parts not supplied by I-TECH INDUSTRIES s.r.l.;
obstruction of the device caused by the aspiration of a foreign body or by the use of products different from those recommended and/or supplied by I-TECH INDUSTRIES s.r.l.:
resale of the device (except with the express authorisation of I-TECH INDUSTRIES s.r.l); wear of parts resulting from normal use; falls, functional blocks, fire, circumstances beyond human control, flooding and natural disaster.

Limitation and exemption from liability

Failure to observe the general conditions of the warranty, during the warranty and after its expiry, by the buyer/user of the device will relieve I-TECH INDUSTRIES s.r.l. from liability for any damage resulting from defects of the device.
I-TECH INDUSTRIES s.r.l. will in no case be liable for damage to persons or things if the damage is caused by:

(1) installation that does not comply with the provisions of laws/regulations in the country where the device is installed;
(2) any interventions not included in the user manual I-TECH INDUSTRIES s.r.l. and carried out on the device by the user or by a third party not authorised by I-TECH INDUSTRIES s.r.l.;
(3) use of the device outside of the user's scope of qualification/professional skill or incorrect use thereof;
(4) defects not present at the time of the device's delivery by I-TECH INDUSTRIES s.r.l.;
(5) defects which, based on the scientific and technical knowledge available at the time of the device's delivery, could not have been deemed as such;
(6) use of the device by inadequately informed and/or trained personnel;

Any liability on the part of I-TECH INDUSTRIES s.r.l. is also excluded in the case that the harmed person, despite being aware of the defect and the danger which could have derived from it, voluntarily exposed themselves to it; any liability for indirect damage of any nature (e.g. damage due to loss of profit, loss of clients, stoppage of the device) is also excluded.
I-TECH INDUSTRIES s.r.l. reserves the right to adopt any technical modifications to its devices or to individual components of the same and/or to modify their specifications, without any obligation to apply these modifications or variations to the machines already sold to its customers.

icoone®
LASER • MED

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