

Infinity H3101



EN USER MANUAL

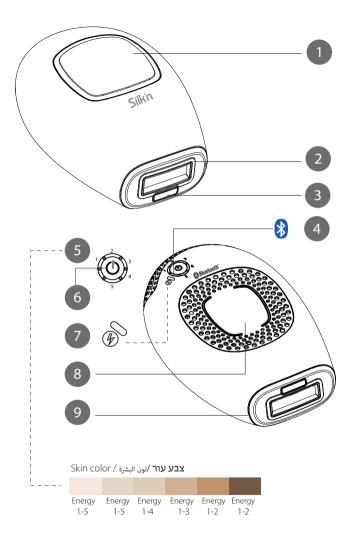


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1. Warnings and contraindications

Please read all warnings and contraindications before use.

- ▲ Always ensure that your hands are dry before connecting the adapter to the electricity supply.
- ▲ Do not use the device while bathing or taking a shower.
- ▲ Keep the device away from water! Do not place or store the device where it can fall, be pushed or placed into a tub, sink or any other vessel containing water.
- \triangle Do not use if the device is damp.
- ▲ Never immerse the device or any of its parts in water.
- ▲ If the device has come into contact with water, disconnect it immediately from the electricity supply before touching it.
- ▲ Never use the adapter if it has a damaged cable or plug, or isn't working properly, or has been submerged in water. If that happens, unplug the adapter immediately before touching it. Failure to unplug the adapter may result in an electric shock!

- ▲ Do not operate the device in environments where there is a risk of explosion. Keep the device and all its parts away from open flames and hot surfaces.
- ▲ Never leave the device unattended when connected to the electricity supply. Keep the adapter accessible at all times, so it can be removed from the electricity supply easily in case of emergency.
- ▲ Always switch the device off and disconnect it from the electricity supply when you are not using the device, when you intend to clean it, or in the event of a fault.
- A Never pull the adapter out of the socket by the cable. Always remove it by taking hold of the adapter.
- ▲ Place the adapter cable in such a way that it does not pose a tripping hazard.
- ▲ Do not kink the adapter cable and do not lay it over sharp edges.
- ▲ Keep the device away from the eyes. Possible hazardous optical radiation is emitted from this device. Do not look at the operating lamp. Eye injury may result.

- ▲ Do not use the device where there is monitoring equipment (e.g., cardiac monitors, ECG alarms), which may not operate properly when the device is in use.
- △ Changes or modifications to this device not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- ▲ Do not use if the parts or accessories are not supplied by the manufacturer as defined in this manual, or if the device or any of its parts are damaged in any way, do not appear to be working properly, or if you see or smell smoke. In such cases, stop using the device and contact Customer Service.
- ▲ Only authorized personnel are permitted to perform repairs. Do not attempt to modify, open or repair the device. You may expose yourself to dangerous electrical components and may cause serious harm to yourself. It will also void the warranty.
- ▲ The manufacturer accepts no liability for damage or injuries caused by improper or incorrect use.

- ▲ Children must not play with the device or any of its parts.
- △ Children must not play with the packaging. They may injure themselves with the packaging material, or swallow small parts and choke.
- ▲ Do not dispose with household waste! The law requires that you dispose of this electrical device (including all accessories and parts) at a designated recycling collection point for electrical devices. For details see section "14. Disposal".

Contraindications

- ▲ Silk'n Infinity must not be used by the following people: children, adults with limited physical, sensory or psychological capacities, or those lacking experience or knowledge in how to use the device.
- ▲ Silk'n Infinity is not designed for everyone. Hair removal by lasers or intense pulsed light sources can cause increased hair growth in some individuals. Based upon currently available data, the highest risk groups for this response are females of Mediterranean, Middle Eastern and South Asian heritage treated on the face and neck. If you are not sure if Silk'n Infinity is for you, please contact your dermatologist.

- ▲ Silk'n Infinity is intended for self treatment only. Do not operate the device on an individual other than yourself.
- ▲ Silk'n Infinity is not suitable for use on children or animals.
- \triangle Do not use the device to treat another person.

Do not use if you:

- ▲ have naturally dark skin (refer to the skin color chart at the front of this user manual). Treating dark skin can result in adverse effects such as burns, blisters, and skin color changes (hyper- or hypo-pigmentation).
- ▲ have naturally white, grey, blond and red body hair. If your body hair is of these colors, Silk'n Infinity will not work on you.
- \triangle are pregnant or nursing.
- ▲ were exposed to strong sunlight or an artificial tanning machine during the past 4 weeks.

▲ have a history of keloidal scar formation, a known sensitivity to light (photosensitivity) or are taking medication that makes the skin more sensitive to light, including non-steroidal anti-inflammatory agents, (e.g., aspirins, ibuprofens, acetaminophen), tetracyclines, phenothiazines, thiazide, diuretics, sulfonyluraes, sulfonamides, DTIC, fluorouracil, vinblastine, griseofulvin, Alpha-Hydroxi Acids (AHAs), Beta-Hydroxi Acids (BHAs), Retin-A®, Accutane® and/or topical retinoids.

- ▲ have abnormal skin conditions caused by diabetes, for example, or other systemic or metabolic diseases.
- ▲ are currently or have recently been treated with Alpha-Hydroxi Acids (AHAs), Beta-Hydroxi Acids (BHAs), Retin-A®, topical retinoids or azelaic acid.
- ▲ have been treated with Accutane[®] (isotretinoin) within the past 6 months.
- ▲ have received drugs from your physician for a skin condition within the past 6 months.
- \triangle have been on a steroid regimen within the past 3 months.
- \triangle suffer or have suffered from epilepsy.
- ▲ have an active implant, such as a pacemaker, incontinence device, insulin pump, etc.

- ▲ have a disease related to photosensitivity, such as porphyria, polymorphic light eruption, solar urticaria, lupus, etc.
- ▲ have a history of skin cancer or areas of potential skin malignancies.
- ▲ have received radiation therapy or chemotherapy treatments within the past 3 months.
- \triangle are allergic to metal, or are sensitive to contact with chrome.
- ▲ cannot sense heat properly because of an illness, or other health related issue.
- ▲ have any other condition which in your physician's opinion would make it unsafe for you to use the device.

Do not use on these parts of the body:

- ⚠ On tanned skin. Refer to section "4.5 Exposure to the sun".
- ▲ Areas where you have metal braces or a metal implant. Consult your physician if you are in any doubt.
- ▲ Around or near the eyes. Use below the cheekbones.

- △ On tattoos or permanent makeup, dark brown or black spots, (such as large freckles, moles, or warts), nipples, genitals, or lips.
- \triangle Areas with injected fillers or toxins.
- \triangle Areas that are prone to rosacea.
- \triangle Areas that are painful.
- ▲ A part of the body that has a history of herpes outbreaks, unless you have consulted your physician and received preventative treatment before using the device.
- Skin that has active eczema, psoriasis, lesions, open wounds or infections (cold sores), abnormal skin conditions caused by systemic or metabolic diseases (diabetes for example).
- Areas where you may want hair to grow later. The results are permanent.

Additional warnings

- \triangle Remove all jewelry before use.
- ▲ Never use flammable liquids such as alcohol (including perfumes, sanitizers, or other applications containing alcohol), or acetone to clean the skin before use.

- ▲ Select the energy setting carefully. When the energy intensity is increased, hair removal improves, but the risk of side effects and complications increases.
- ▲ Follow the skin color chart when selecting energy levels to avoid the risk of burns, blisters or changes in skin color (see the chart at the front of the manual).
- ▲ Do not increase energy levels during a treatment session even if you feel no discomfort. Discomfort may appear some time after the treatment session.
- Always do a spot test before you treat a specific part of your body.
- △ Do not treat the same area of skin more than once per hair removal session.
- Avoid overlapping pulses or gaps when you treat an area.
- ▲ Use a lower energy level if you experience mild discomfort.
- △ Do not expose treated areas to the sun, and do not use after recent sun exposure (including artificial tanning machines). Refer to section "4.5 Exposure to the sun".

- ▲ Stop use immediately if you see full redness of the skin, blistering or burns.
- ▲ Stop use immediately if you have any pain.
- ▲ Stop use immediately, and remove the device from the skin, if the skin or the device becomes too hot.
- ▲ Never point the treatment surface into open space in an attempt to emit a light pulse. Always make sure that the treatment surface is pointed at, and in full contact with the skin during use.
- ▲ Do not use for any purpose other than hair removal as described in this user manual.

2. Safety with Silk'n Infinity

With Silk'n Infinity safety comes first. **Enhanced Home Pulsed Light™ (eHPL**) technology provides superior safety with lower energy levels.

eHPL[™] is able to achieve long-term hair removal results at a fraction of the energy level used in other light-based hair removal equipment. The technology combines 2 energy sources: galvanic energy and optical energy. The galvanic energy enables better penetration of the optical energy to the hair shaft by temporarily widening the skin pores. The hair shaft absorbs the light, deactivates the hair follicle and hair growth is disabled.

The low energy used reduces its potential to cause harm or complications and contributes to your overall safety.

Silk'n Infinity protects your skin

Light-based hair removal is not suitable for tanned skin. Silk'n Infinity comes with a built-in **skin color sensor** that is designed to measure the complexion of the applied surface and enables energy levels according to skin complexion.

Furthermore, the **treatment surface**, through which pulses of light are delivered, is recessed inside the device. This enables Silk'n Infinity to protect your skin by avoiding direct contact between the **treatment surface** and the skin.

Silk'n Infinity protects your eyes

Silk'n Infinity has a built-in safety feature for eye protection. It has been designed so that a light pulse cannot be emitted when the **treatment surface** is facing open air. The safety feature enables treatment only when the **treatment surface** is in contact with the skin.

3. Get to know your Silk'n Infinity

Silk'n Infinity is a powerful electrical device and should be used with special attention to safety. **Before use, it is important that you read and understand the instructions on how to use the device including afteruse procedures, and follow them strictly.** We recommend you familiarise yourself with the instructions in this manual before each treatment session.

3.1 Package contents

Package contents vary according to the option purchased.

Infinity items

- Silk'n Infinity device
- Adapter
- User manual
- Warranty card
- Beauty case

3.2 Device description

Silk'n Infinity is a home-use device using eHPL[™] technology for the removal of unwanted hair. The device has a **treatment surface** and a **pulse button**. It also has a pair of electrodes, **base** and **touch**, for creating and utilizing a galvanic treatment circulation. Refer to the diagram at the front of the manual to see the location of each feature.

- 1. Pulse button
- 2. Treatment surface
- 3. Skin color sensor
- 7. Ready/skin tone warning indicator light
- 8. Base electrode
- 9. Touch electrode
- 4. Bluetooth indicator lights
- 5. Energy level indicator lights
- 6 Control button

3.3 Intended use

Silk'n Infinity is an over the counter device intended for the removal of unwanted hair. The device is also intended for permanent reduction in hair regrowth, defined as the long-term, stable reduction in the number of hairs regrowing when measured at 6, 9, and 12 months after the completion of a treatment regime.

Silk'n Infinity is a skin-toning device, intended for skin stimulation and indicated for over the counter cosmetic use.

4.1 Device controls

Refer to the diagram at the front of the manual to see the location of each control.

Control	Action	Function / Mode
Control button (#6)	Short press	Each press increases the energy level. The default at start up is level 1. Cycle through the levels to get back to 1.
Pulse button (#1)	Short press	Triggers a light pulse.
Touch electrode (#9)	Short press	Triggers a light pulse when pressed together with the pulse button .
Energy level indicator lights (green) (#5)	Blinks	One light blinks at start up. The number of lights indicates the energy level.
Ready/skin tone	Constant	Device is ready for use.
warning indicator light (green) (#7)	Blinks rapidly	Skin tone is too dark for safe use. No light pulses are emitted.

4.2 Skin color sensor

Light-based hair removal on darker skin tones may result in adverse effects such as burns, blisters, and skin color changes (hyper- or hypo-pigmentation). Silk'n Infinity has a **skin color sensor** that detects the color of your skin automatically. The skin color sensor checks your skin color at the start of, and occasionally during, each treatment.

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If you see no light pulse and the **ready/skin tone warning indicator light** blinks rapidly, this is an indication that your skin tone, measured by the **skin color sensor**, is too dark for safe application. Try using the device on a different part of your body.

4.3 Energy levels

The energy level determines the intensity of the light pulse projected on your skin during use, from the lowest level to the highest level. The indicator lights on the device illustrate the energy level at which the machine is set. As the energy level increases, so do hair removal results, as well as the risk of possible side effects and complications.

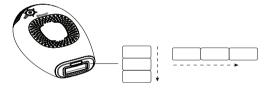


The device has 5 levels of energy from 1 (the lowest) to 5 (the highest), represented by 5 **energy level indicator lights**.

When the device is turned on, the energy level is set to level 1 automatically. Only one energy level indicator light will be on.

- To change the energy level, press the control button repeatedly to increase the energy level from 1 to 5. Once at level 5, press the control button again to reduce the energy level from 5 back to 1.
- Always begin your first use of Infinity at the lowest energy setting!

4.4 Pulsing and gliding



Pulsing is the best technique for treating specific spots or small areas.

- Press the treatment surface against your skin. Work in rows (either across or down as shown in the image). Start at one end of each row and progress to the other end.
- The treatment surface creates temporary pressure marks on the treated area so you can see areas you have treated.
- After each pulse, move the treatment surface to the next spot. Keep doing this pulsing action for the area you are treating.
- Avoid gaps or overlaps as you use the device.

Gliding is the best technique for treating larger parts of the body.

Press the **treatment surface** firmly against your skin and slowly glide over your skin (either across or down as shown in the image). Make sure that the **treatment surface** is always touching your skin.



At lower energy levels, the device takes only 1-1.5 seconds to recharge between pulses. This generates a nonstop sequence of flashes.



Glide at a speed so that you avoid gaps or overlaps.



Do not treat the same area of skin more than once per hair removal session.



Stop use immediately if you have any pain.

4.5 Exposure to the sun

- Sun exposure includes constant unprotected exposure to direct sunlight for over 15 minutes, or constant unprotected exposure to diffuse sunlight for over 1 hour.
- Do not use on tanned skin after recent sun exposure, including tanning machines. Using the device on skin that has been recently exposed to sunlight can result in adverse effects such as burns, blisters, and skin color changes (hyper- or hypo-pigmentation).



Avoid further exposure to the sun for **4 weeks before and 2 weeks after** your treatment. This is because higher quantities of melanin expose the skin to greater risk when using any method of light-based hair removal. This applies to all skin types, even those that don't seem to tan quickly.

We don't advise it, but if you have to go out in the sun after a treatment, be sure to apply sunscreen SPF30 or higher to the treated area. Do this for 2 weeks after a treatment.

4.6 Exposure of pulsed light to the eyes

Although you can use the device to treat facial hair, take extra care to avoid contact with the eyes, and use only below the cheekbones.

The device will only emit repeated pulses when it is in firm contact with your skin, and you keep moving it across your skin.

5. What to expect with Silk'n Infinity

During a Silk'n Infinity treatment session it is normal to experience and feel:



A fan noise: The cooling fan makes a noise similar to that of a hair dryer.



A pop sound with each pulse: When a pulse of eHPL[™] light is activated, it is normal to hear a subtle pop sound simultaneously with the flash of light.

A sensation of warmth and tingling: During each galvanic pulse sequence it is normal to feel a mild sensation of warmth and tingling from the galvanic and light energies.

Some mild red or pink color: During and just after your treatment session it is not uncommon to see some very mild, pink-like color of the skin. This is usually most noticeable around the hairs themselves.

Stop use immediately if you see full redness of the skin, blistering or burns.

6. Possible side effects

When used according to the instructions, side effects and complications associated with the use of Silk'n Infinity are uncommon. However, every cosmetic procedure, including those designed for home use, involves some degree of risk. Therefore, it is important that you understand and accept the risks and complications that can occur with pulsed light hair removal systems designed for home use.

There is a minor risk that stacking or overlapping of multiple pulses on the same skin spot may have some adverse effects.

Minor skin discomfort

Home pulsed light hair removal is generally well-tolerated. However, some users feel mild discomfort during use. This is best described as a mild stinging sensation on the treated skin areas. The stinging sensation may last during or after treatment

This means that you should use the device at a lower energy level, and if that doesn't help, you should stop using the device.

Skin redness

Your skin may become red immediately after using the device or within 24 hours. Redness generally clears up within 24 hours.

See your doctor if redness does not go away within 2 to 3 days.

Make sure you use the energy level that is comfortable for you and suitable for your skin color.

Increased sensitivity of the skin

The skin of the treated area is more sensitive so you may encounter dryness or flaking of the skin.

Blisters or burns

Cool the affected area and apply anti-burn cream. Wait until the area has healed completely before another treatment, and use a lower energy level. If

the skin does not return to normal within 3 days, consult your physician.

Skin wounds and burns

Very rarely, burns or wounds to the skin can occur following the application. The burn or wound can require a few weeks to heal and, extremely rarely, may leave a noticeable scar. Risk[·] Rare

Scarring

Although very rare, scarring may occur. Usually when scarring occurs, it is in the form of a flat and white lesion on the skin (hypotrophic). However, it can be large and red (hypertrophic) or large and extend beyond the margins of the injury itself (keloid). Subsequent aesthetic treatments may be required to improve the appearance of the scar.

Risk Minor

Risk Minor

Risk[,] Rare

Risk Minor

Risk Minor

Pigment changes

The device targets the hair shaft, in particular the pigmented cells in the hair follicle and the hair follicle itself. Nevertheless there is a risk of temporary hyper-pigmentation (increased pigment or brown discoloration) or hypopigmentation (whitening) to the surrounding skin. Risk of changes in skin pigmentation is higher for people with darker skin tones or heavily tanned skin. Usually discoloration or changes to skin pigment are temporary, and permanent hyper-pigmentation or hypo-pigmentation are rare.

Excessive redness and swelling

Risk: Rare In rare cases, treated skin may become very red and swollen. This is more common in sensitive areas of the body. The redness and swelling should subside within 2 to 7 days and should be treated with frequent applications of ice. Gentle cleansing is OK, but avoid exposure to the sun.

Infection or bruising

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Risk: Nealiaible

Risk[.] Rare

Infection of the skin is exceedingly rare but is still a possible risk following a skin burn or wound caused by the device.

Very rarely, the device may cause blue-purple bruising that can last 5 to 10 days. As the bruising fades, there may be a rust-brown discoloration of the skin (hyperpigmentation).

Stop use immediately if any of these effects are more severe.

See your physician if the effects do not go away within 2 to 3 days.

7. Treatment plan

A typical full hair growth cycle may take 18-24 months. During this time multiple Silk'n Infinity treatment sessions may be required in order to achieve permanent hair removal.

The efficiency of hair removal varies from person to person according to body area, hair color and how the device is used.

Typical treatment plan during a full hair growth cycle:

- Treatments 1-4: Plan two weeks apart.
- (Treatments 5-7: Plan four weeks apart.
- Treatments 8 +: Treat as needed, until desired results are achieved.

Expected treatment outcome for hair removal

Fitzpatrick Skin Type	Hair Colour	Light Fluence [J/cm²]	Area of the Body ²	Average Number of Treatments ¹	% Hair Reduction
	Light brown to brown	2.5-4	Lower or upper legs	Session 10-12, approx. four weeks apart. Session 8-10, approx. four	60%
I-IV			Arms		50%
			Bikini Line		60%
			Underarms		55%
I-IV	Brown to black	2.5-4	Lower or upper legs		70%
			Arms		60%
			Bikini Line	weeks apart.	70%
			Underarms		65%

1. Individual response depends on hair type as well as biological factors that may affect hair growth patterns. Some users may respond quicker or slower than the average number of treatments.

2. One cannot expect permanent hair removal in a single or even double treatment sessions. The duration of the resting period for hair follicles also depends on the body area.

8.1 Connect the device

- 1. Remove the device and other components from the box.
- Place the adapter cord into the device and connect to the electricity supply. All the energy level indicator lights will go on and off repeatedly in a circular motion.

8.2 Do a spot test

It's important to do a spot test on each part of the body you wish to treat. A spot test checks that the skin color is suitable for treatment, and that you know which energy level is comfortable for the area you are treating. Both skin color and energy level may vary depending on the target treatment area.

- 1. To do a spot test, follow steps 1-5 and 7-9 in the next section.
- If you experience little or no discomfort during and after use at the lowest energy setting, increase the energy level by one indicator light the next time you use the device, and so on for each subsequent hair removal session.
- 3. Repeat the spot test for each area you wish to treat.

8.3 Treatment steps

- 1. Remove all jewelry before use.
- 2. Before treatment, the skin should be shaved, clean, dry and free of any powders, antiperspirants or deodorants. **Do not wax, pluck or tweeze the hair out.**
- 3. Be sure to cover up tatoos, moles, warts, large freckles, black spots or other marks on the skin that should not be treated. Use a material that does not absorb the light such as a white cloth or white medical tape.
- 4. Press the control button. The device will turn on, the level 1 energy level indicator light will be on, and a fan sound will start.

- 5. Approximately 1 second after pressing the **control button**, the **ready/skin tone warning indicator light** (green) will turn on. The device is now ready for you to trigger the first pulse at the lowest energy level. Always start at energy level 1.
- 6. Select the energy level you are most comfortable with.
- 7. Place the **treatment surface** on the skin and press the **pulse button** to deliver one pulse. Make sure your hand touches the **base electrode** together with the **pulse button**.
 - If you do not make hand contact with the **base electrode** no galvanic treatment circulation will be emitted.
- 8. Press the **pulse button**.
 - The device first determines the skin color. If the skin color is light enough for safe application, the device will activate the galvanic circulation. You might feel a slight tingling sensation. This is completely normal. The galvanic treatment works to enlarge your pores for a better application of the treatment.
 - Directly afterwards, the device will flash a pulse of light onto your skin, and the ready/skin tone warning indicator light will turn off. You will see a bright flash of light and simultaneously hear a popping sound, which is a normal noise for the device. You will feel a mild sensation of warmth and tingling. The device will immediately recharge for the next pulse.
 - After a few seconds the **ready/skin tone warning indicator light** will turn on again and start blinking slowly when pressed against the skin.
- 9. Remove the **treatment surface** from the treated area of skin.
- 10. Decide if you wish to treat the area by **Gliding** or **Pulsing** (see section "4.4 Pulsing and gliding").
 - If you are **Pulsing**, place the **treatment surface** on an adjacent part of your skin, and trigger a pulse.
 - If you are **Gliding**, hold the **pulse button** down continuously and slide the device smoothly along the treated area.

- 11. Keep **Pulsing** or **Gliding** until you have covered the target area.
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Try to avoid gaps or overlaps. Overlaps increase the likelihood of adverse affects.



If your skin blisters or burns, stop use immediately.

- 12. When you have completed your treatment, long press the **control button**, to switch off the device. Remember the last energy setting you used because the device always starts up at energy level 1.
- Disconnect the adapter from the electricity supply, then clean the device and store safely (see section "9. Cleaning and maintenance").
- 14. After your treatment session we recommend you apply a body lotion to the treated area to help your skin recover from the treatment faster.

9. Cleaning and maintenance

- Disconnect the device from the electricity supply.
- To clean the device including the treatment surface, use a clean, dry cloth and 70% alcohol. Never use acetone or other abrasive fluids, because they will damage your device. Then use a wipe to dry the device.
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After cleaning, we recommend you store the device in its original box and keep it away from water.



Never immerse the device or any of its parts in water.

Download and connect to Silk'n hair removal app.

The free Silk'n Hair Removal application supports your every step with Silk'n hair removal devices, creates your personalized treatment plan, helps you make the safest and most informed choices, and makes sure you follow through the entire course of treatment for best results.

As a Silk'n Infinity owner you can also enjoy Bluetooth connectivity. Just download the application and follow the registration process and Bluetooth pairing steps.

For a free download of the Silk'n hair removal app, scan:



11. Troubleshooting

Only authorized personnel are permitted to perform repairs. Do not attempt to modify, open or repair the device. You may expose yourself to dangerous electrical components and may cause serious harm to yourself. It will also void the warranty. Contact Customer Service if you have a broken or damaged device in need of repair.

Problem	Checks
My device does not start.	Check that: • the adapter is properly connected to the device and that it is plugged into the electricity supply.
There is no galvanic pulse when I press the pulse button .	Check that your hand is touching the base electrode when you press the pulse button . The treatment circulation requires closing the circuit by pressing the trigger and the electrode at the same time, in order to effectively treat your skin.

Problem	Checks
	Check that: • the green ready/skin tone warning indicator light is blinking slowly to ensure you have good contact with the skin.
There is no light pulse when I press the pulse button .	• the treatment surface is evenly and firmly pressed to the skin. For your safety, the pulse button will activate a pulse only if the treatment surface is firmly pressed against the skin.
	If the ready/skin tone warning indicator light blinks rapidly, this is an indication that your skin tone, measured by the skin color sensor, is too dark for safe use, or that the skin color sensor was not properly covered by your skin. Try using the device on a different body part or contact Silk'n customer support.
One or more lights are on constantly.	The device has malfunctioned. Unplug the device and do a restart. If the problem persists, contact Customer Service.
The device has stopped working and is in standby mode.	Press the control button again to start the device.

12. Customer service

For more information on Silk'n Infinity , visit our website www.silkn.co.il.

In the event of a problem with the device, please contact Customer Service by email at contact@silkn.co.il, or telephone 1-700-700-309.

13. Warranty

Refer to your Silk'n warranty card.

14. Disposal



Dispose of the packaging separated into single type materials. Dispose of cardboard and carton as waste paper and film via the recyclable material collection service.

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Do not dispose with household waste! The WEEE directive requires that you dispose of this electrical device (including all accessories and parts) at a designated recycling collection point for electrical devices. This ensures that the device is recycled professionally, and prevents the release of harmful substances * into the environment. Make sure that the device is in an uncharged state before disposal.

*Products labelled with Cd = cadmium, Hg = mercury, Pb = lead.

Model	H3102
Galvanic	70-400 Microampere (μA)
Spot size	0.9cm x 3cm [2.7cm ²]
Technology	Enhanced Home Pulsed Light™
Max energy level	Max 4J/cm ²
Wavelength	475-1200nm
Pulse light duration	500-800 µs
Mode of operation	Continuous
Operation and safety	Skin color sensor ensures use only on appropriate skin types
Repetition rate:	1.0 Hz maximum

15. Specifications

	Max Output Voltage		
Galvanic current pulse parameters (R Load: 500 Ω & 1k Ω.)	Level Duration Frequency (Hz) Amplitude 1 200ms 1.00 400μA 2 200ms 0.83 400μA 3 200ms 0.66 400 μA 4 200ms 0.60 400 μA 5 200ms 0.60 400 μA		
Package size	220x220x90mm		
System weight	225gr		
Transport & storage between uses and storage condition	Temperature: - 40° to +70°C Relative humidity : 10% - 90%rH Atmospheric pressure: 500 - 1060 hPa		
Operating conditions	Temperature: 10° - 35°C Relative humidity: 30% - 75%rH Atmospheric pressure: 700 - 1060 hPa		
Time from minimum storage temperature between uses to minimum operating temperature with ambient temperature of 20°C degrees	30 minutes		
Time from maximum storage temperature between uses to maximum operating temperature with ambient temperature of 20°C degrees	30 minutes		
Protection against electric shock	Class II medical equipment type BF applied part		
	KSAPV0361200300D5		
Adapter	Input: 100-240V; 50-60Hz; 0.9A Output: 12Vdc; 3A		

The device was tested and complies with	IEC 60601-1 (Safety) IEC 60601-1-2 (EMC) IEC 60601-1-11 (Environment) IEC 60601-2-10 (Stimulators) IEC 60601-2-57 (Safety of non-laser source)
Service life of the equipment	5 years

16. Signs and symbols

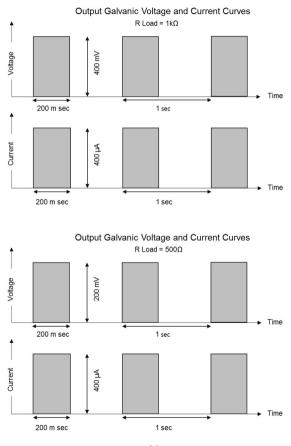
CE	Declaration of Conformity: Products labelled with this symbol meet all applicable provisions of the European Economic Area.
	CSA mark for US and Canada.
	Class II. The adapter is protected against electric shock by means of double insulation.
×	Degree of protection against electric shock. BF applied part.
IP30	The device is protected against the ingress of objects larger than 2.5mm diameter, such as fingers, to protect against electric shock.
	Do not use in wet environments.
	Do not dispose with household wastel The WEEE directive requires that you dispose of this electrical device (including all accessories and parts) at a designated recycling collection point for electrical devices.
Ĩ	Follow the instructions for use.

17. Labeling



This device is not suitable for use in the presence of flammable anaesthetic mixture with air or with Oxygen or Nitrous Oxide.

The output voltage and current curves for the device are shown in the graphs below.



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The use of accessories other than those specified or sold by Home Skinovations Ltd as replacement parts may have the consequence of increasing the emissions or decreasing the immunity of the device. The device is intended for use in the electromagnetic environment specified in tables 1, 2, 4 and 6.

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Table 1: Guidance and Manufacturer's Declaration: Electromagnetic Emissions				
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.				
Emissions Test	Compliance	Electromagnetic Environment Guidance		
RF emissions CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.		
RF emissions	Class B	Complies		
CISPR 11	Cid55 D			
Harmonic emissions IEC 61000-3-2	Not Applicable	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that		
Voltage fluctuations/ flicker emissions IEC 61000-3-3	Complies	supplies buildings used for domestic purposes.		

Table 2: Guidance and Manufacturer's Declaration: Electromagnetic Immunity

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the devices should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact	± 8 kV contact	Floors should be wood, concrete or ceramic tile. If floors are
	± 15 kV air	± 15 kV air	covered with synthetic material, the relative humidity should be at
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines	± 2 kV for power supply lines	Mains power quality should be that of a typical commercial or hospital environment.
	± 1 kV for input/output lines	NA	nospitai environment.
Surge IEC 61000-4-5	2 kV 0, 90, 180 & 270 degree phase angles	2 kV 0, 90, 180 & 270 degree phase angles	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines	100% drop, 0.5 periods (0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°)	100% drop, 0.5 periods (0°, 45°, 90°, 135°, 180°, 225°, 270°, 315°)	Mains power quality should be that of a typical commercial or hospital environment. If the user of the device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power
IEC 61000-4-11	100% dip, 1 period	100% dip, 1 period	
	30% dip, 25/30 periods	30% dip, 25/30 periods	
	100% drop, 5 seconds	100% drop, 5 seconds	supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Note UT is the a	c. mains voltage prior to appli	cation of the test level.	•

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity Test	IEC 60601-1-2 Test Level	Compliance Level	Electromagnetic Environment Guidance
			Portable and mobile RF communications equipment should be used no closer to any part of the device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance.
Conducted RF IEC	6 V/rms	6 V/rms	$d = [\frac{3.5}{v_1}]\sqrt{P}$
61000-4-6	150 kHz to 80 MHz	150 kHz to 80 MHz	
Radiated RF	10 V/m	10 V/m	$d = [\frac{3.5}{E_1}]\sqrt{P}$ 80 MHz to 800 MHz
IEC 61000-4-3	80 MHz to 2.7 GHz	80 MHz to 2,7 GHz	$\begin{split} d &= \begin{bmatrix} -1 \\ -1 \end{pmatrix} \sqrt{P} & \text{ROD MHz to 2.5 GHz} \\ Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). \\ Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. \\ Interference may occur in the vicinity of equipment marked with the following symbol: (((-)))$

A Field strengthe from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobili radios, amateur radio, AM and FM radio bradcasta and TV bradcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.

B Over the frequency range 150 kHz to 80 MHz, field strengths should be less than [V1] V/m.

Table 4: Recommended Separation Distances between Portable and Mobile RF Communications Equipment and the device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

	Separation distance according to frequency of transmitter					
Rated maximum	m					
output power of transmitter W	150 kHz to 80 MHz	80 MHz to 800 MHz	800 MHz to 2,5 GHz			
	$d = [\frac{3,5}{V_1}]\sqrt{P}$	$d = [\frac{3.5}{E_1}]\sqrt{P}$	$d = [\frac{7}{E_1}]\sqrt{P}$			
0.01	0.12	0.12	0.23			
0.1	0.37	0.37	0.74			
1	1.17	1.17	2.33			
10	3.7	3.7	7.38			
100	11.7	11.7	23.33			

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

Note 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Test Frequency (MHz)	Band a) (MHz)	Service a)	Modulation b)	Maximum Power (W)	Distance (m)	Immunity Test Level (V/m)	Compliance Level (V/m)
385	380-390	TETRA 400	Pulse modulation b) 18 Hz	1.8	0,3	27	27
450	430 – 470	GMRS 460, FRS 460	FM ^{C)} 5 kHz deviation 1 kHz sine	2	0,3	28	28
710	704-787	LTE Band 13, 17	Pulse modulation b) 217 Hz	0,2	0,3	9	9
745	_						
780							
810	800-960	GSM 800/900, TETRA 800,	RA 800, modulation b) N 820, 18 Hz MA 850,	2	0,3	28	28
370	_						
930		CDMA 850, LTE Band 5					
1 720	1 700-	GSM 1800; Pulse	Pulse modulation b)	2	0,3	28	28
1 845	1 990	CDMA 1900; GSM 1900; DECT;	217 Hz				
1 970		LTE Band 1, 3, 4, 25; UMTS					
2 450	2 400 -2 570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation b) 217 Hz	2	0,3	28	28
5 240	5 100 -	WLAN 802.11	Pulse	0,2	0,3	9	9
5 500 5 785	5 800	a/n	modulation b) 217 Hz				
NOTE: If nec EQUIPMENT	or ME SYST	ieve the IMMUNITY EM may be reduced s, only the uplink free	TEST LEVEL, the to 1m. The 1, test	distance is pe			and the IE

represent actual modulation, it would be worst case.

20. Legal notice

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