SkinGate™

User Manual

SkinGate™
LOVE YOUR SKIN

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English

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About SkinGate™

Science is about exploration, understanding and performance.

As a society and due to the availability of information, we are more aware of the importance of looking after our skin and treating it with care.

SkinGate™ embodies these core principles, resulting in improved skin health and vitality, allowing you to integrate an advanced technological device into your daily skincare regime.

The integration of our multi-platform technology into one, easy to use device, not only helps you address multiple tasks simultaneously but also provides a more seamless and noticeable improvement in skin health and vitality.

English

Introducing SkinGate™

Figure 1

1. Power
2. Skin Analysis
3. Skin analysis results Oil / Moisture, Texture/ Age & Vitality levels
4. Serum FLOW
5. Vitality mode Electroporation, RF, ImportPulse
6. Red & Blue LED therapy
7. LCD screen Function modes
8. Charging base

Scan this QR Code to learn how to use the device:

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Most individuals are not aware of the proper application of their skincare products, which may hinder them from achieving maximum benefits.

It is important for the active ingredients found in skincare to penetrate into the deepest layer of the skin. This will ensure optimal penetration and product delivery.

If the skincare ingredients fail to deeply penetrate the skin cells, they can simply evaporate, making manual skincare applications to be potentially more inaccurate and unreliable.

At CosmoInnovations™, we have developed a unique, patented multi-featured technology which allows users to identify their skin's condition and use of the most suitable skincare products, all in one simple and compact device for everyday use.

Analysis:

SkinGate™ skin analysis will offer four types of readings, all within 4 seconds. This includes:

- Skin oil level
- Skin moisture level
- Skin texture and roughness level
- Skin's overall vitality level

Load, Import & Infuse active ingredients.

The pre-filled skincare capsule (POD) can be easily inserted into the device and infused deeply into the skin, using advanced electroporation technology. ***(See Figure 1)***

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English

Firm up, lift & tone your Skin.

Experience the benefits of pulsed vibrating technology, followed by controlled heat generated by radiofrequency at a maximum of 43°C, to ensure maximum collagen stimulation, blood circulation and product absorption.

SkinGate™ allows the product to be effectively and efficiently delivered to the deepest layer of skin via multi-modality functions, combining 4 proven technologies of Electroporation, Radio Frequency, Red & Blue LED lights and Acoustic Vibration.

The combination of the technologies seamlessly work together for maximum non-invasive skincare delivery, rejuvenation, hydration, and skin lifting experience, within 10 minutes of daily application. ***(See Figure 1)***

Rejuvenate, stimulate, and energize your skin.

Figure 2

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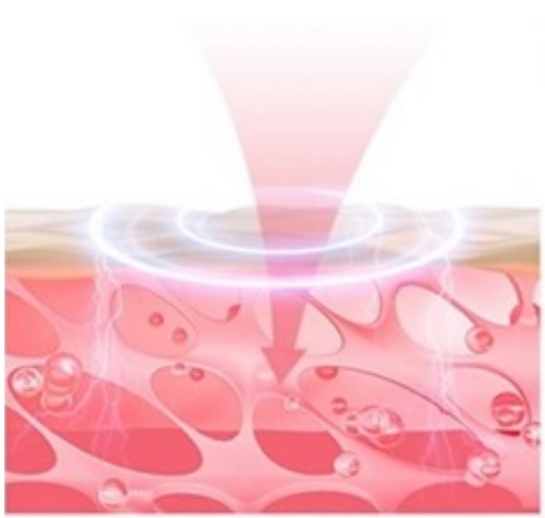
Over time, skin can become wrinkled, discoloured and loses its firmness due to sun exposure, natural aging, hormonal changes, acne and genetics. While surface-level skincare products like serums, lotions and moisturizers can provide some benefits, they often struggle to penetrate deep into the skin and impact collagen regeneration in the deeper layers. ***(See Figure 2)***

Radio Frequency (RF), import pulse intermittent vibration, and electroporation operate with unique and deep stimulating effects. This can assist with promoting collagen regeneration, skin tightening, and overall improvement in skin tone and appearance. That's what makes SkinGate™ the device of choice!

Electroporation

Electroporation provides a delivery action to transport active ingredients, collagen, and hyaluronic acid deeper into the skin, without the need for needles, offering maximum hydration and cellular activation. ***(See Figure 3)***



Electroporation Import pulse

Assist macromolecule nutrient absorption

Use electric current to open skin channels and promote the penetration of polymers into the muscle bottom

Figure 3

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English

Intermittent Import Pulse

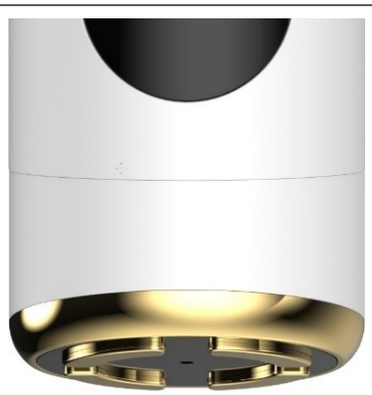
By intermittently releasing pulse currents and mimicking real finger pressure or finger tapping action, this will increase the nutrient introduction rate, minimizing facial lines & wrinkles.

Radio Frequency (RF)

Radio Frequency energy uses the tissue's natural resistance within the various layers of the skin to transform the RF energy applied to the skin into thermal energy.

The (RF) thermal energy , stimulates collagen remodeling by generating controlled heat deep within the skin, triggering collagen synthesis and tightening. It enhances skin texture, reduces wrinkles, and improves overall skin appearance.

RF energies may be used for patients of all skin types and allows for different depths of penetration allowing for increased collagen contraction and production of new collagen. ***(See Figure 4)***



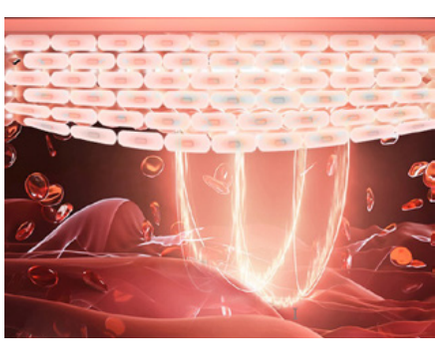


Figure 4

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Figure 5

LED therapy light may be used to provide a rejuvenating and revitalizing effect that offers glow, minimizing skin pores and fine lines by boosting collagen production and treats mild to moderate acne. ***(See Figure 5)***

Danger

Refrain from looking directly into LED lights!

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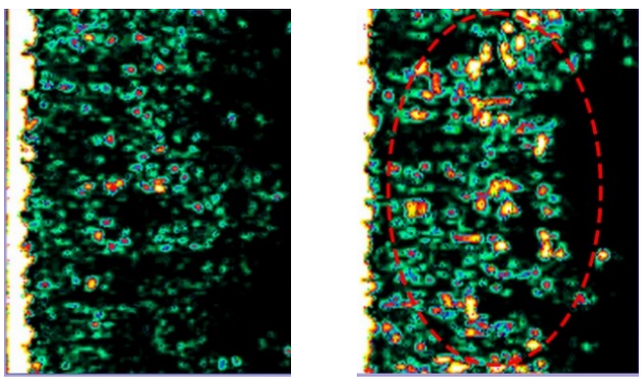
English

In a nutshell, SkinGate™, is designed to assist with:

- Quick analysis of your skin
- Hydrate, plump up and deep infusion of skincare & serums
- Softening lines and wrinkles
- Improvement of UV-damaged skin
- Mitigating the effect of skin aging
- Combats blemished prone skin
- Skin firmness & tightening

(See Figure 6)



Collagen cellular arrangement before using the device

Collagen is significantly increased (see yellow dots)

Figure 6

The SkinGate™ Technology Advantage:

1. Compact and ergonomic design, making it easy to operate and carry.
2. Portable for home and travel use.
3. Equipped with advanced transdermal skincare delivery and skin rejuvenation technology, accompanied by a powerful source of LED lights that shine through an innovative magnifying glass to provide maximum light therapy benefits and cellular energy delivery. Suitable for all skin types.
4. Offers anti-aging, skin tightening, and calming effects.
5. Encourages the use of moisturizers and lotions,
6. in conjunction with the device. ***(See Figure 7)***

Figure 7

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Just 10 minutes of daily treatment can help to maintain a toned, smooth, and more youthful looking skin.

10 minutes every day, keeps your wrinkles away!

Figure 8

Red Light is scientifically proven to increase the cell vitality, accelerate the blood circulation and promote the growth of fibroblast and collagen. ***(See Figure 8)***

Figure 9

Blue Light, can promote the synthesis of protein and collagen, activate the skin, tighten the loose skin and shrink the pores, being most appropriate for oily and sensitive skin. ***(See Figure 9)***

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English

In summary, SkinGate™ is:

- Non invasive
- Immediate results
- Combats skin sagging & assists in preventing signs of ageing.
- Safest firming technology with built-in temperature control system, ensuring maximum collagen stimulation, adjusting energy depending on the temperature of your skin.
- Visible hydrating and skin firming results as early as one week!
- It saves your precious money, by using your products adequately and no wastage!

DO NOT use this device if you are:

- Pregnant or breastfeeding
- Using heart pacemaker or other forms of electronic devices
- Using or have used Roaccutane (prescribed acne therapy drug) in the past 6 months.
- Suffering from autoimmune disease or diabetic
- Using Blood thinning drugs
- Suffering from any form of coagulation issues
- Suffering from cancer or ANY related cancer therapies or medications

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HOW TO USE SKINGATE™

Scan this QR Code to learn how to use the device:

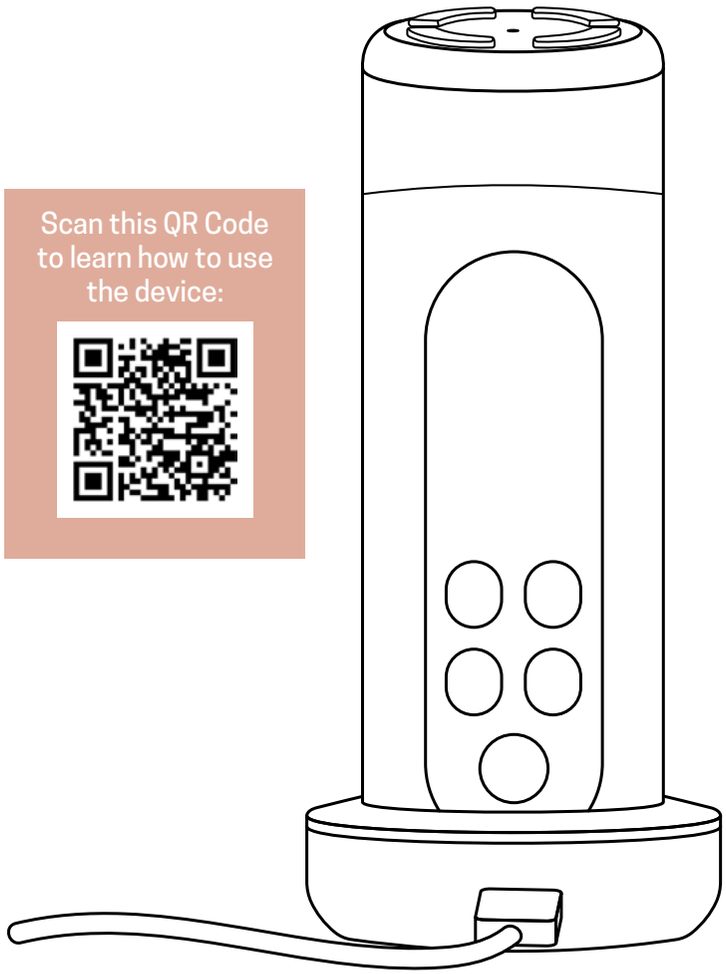

Figure 10

Operation and Screen display:

Gently wash your skin and remove any residual oil and make up to ensure accurate readings of your skin's vital conditions and maximum serum delivery into your skin.

Power button

Long press the power button to turn on the device. Make sure the battery icon shows adequate power level to operate, otherwise, place it back on the charging dock for a continuous 3-hour period to fully charge. The LCD screen display interface shows after you have turned on the device. ***(See Figure 10)***

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Screen display

Press the skin analysis button ***(See Figure 11)*** and press the device head against your clean skin until you hear the beep sound (approximately 4 seconds). ***(See Figure 12)***

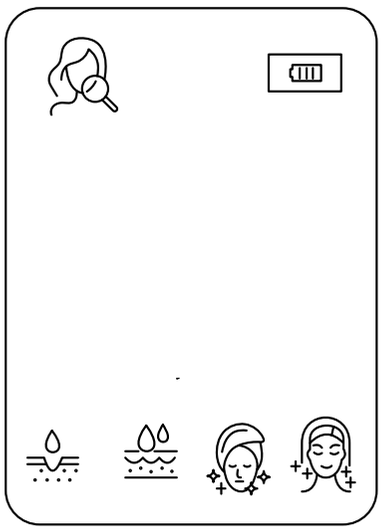

Figure 11

Figure 12

Now you can read your skin analysis results on the screen.

From bottom left, icons present as per below:

Oil level, Hydration (Moisture), Texture (Roughness), Glow & Vitality ***(See Figure 13)***

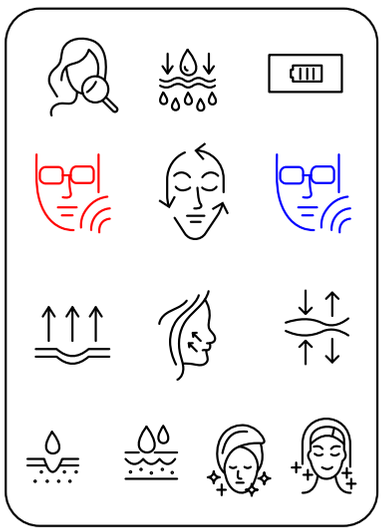

Figure 13

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If you are using the device for the first time, please follow these steps:

a

Gently lift and remove the head. **DO NOT** twist or rotate the head as it might cause internal damage to the electrical components of the device. ***(See Figure 14)***

Figure 14

b

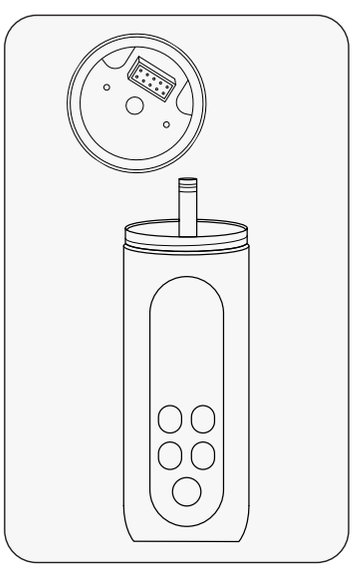

Figure 15

Unscrew the plastic “stability ring”. ***(See Figure 15)***

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English

c

Gently insert the special 17 ml skincare POD (capsule) into the device ***(See Figure 16)*** and place the “stability ring” back on top and twist lock into place. ***(See Figure 17)***

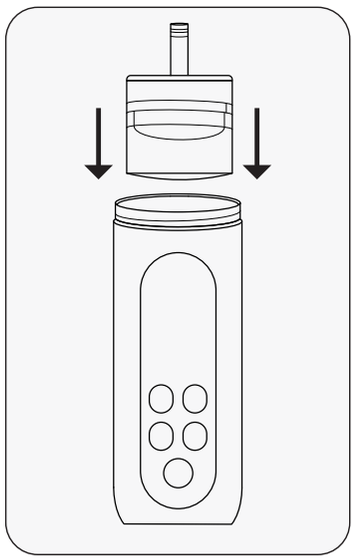

Figure 16

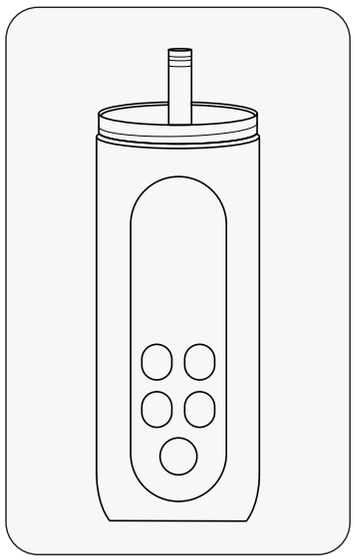

Figure 17

d

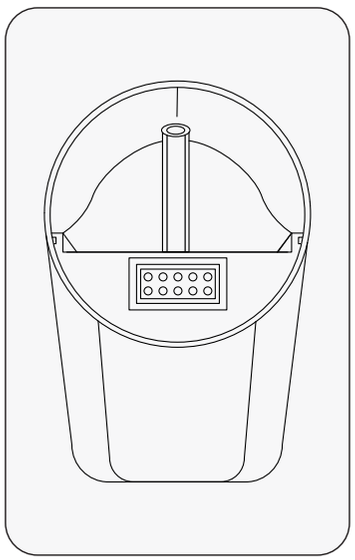

Figure 18

Gently place the head over the top and press it firmly to see the small triangle symbols are aligned. ***(See Figure 18)***

Warning

DO NOT twist or screw the head as it will cause internal damage to mechanical and electronical components.

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English

Flow

If you are inserting a NEW POD (capsule), for the first time, keep pressing the FLOW button (figure 19) to push the serum out. ***(See Figure 19)***

If you are inserting a NEW POD (capsule), for the first time, long press the FLOW button (Figure 19) for 3 seconds to over-activate the device pump to push the serum out.

If you see no serum coming out, then keep pressing the FLOW button several times or hold for 3 seconds, until you see the serum being released out of the central opening of the device.

Press the FLOW button to stop the serum, overflow, or waste.

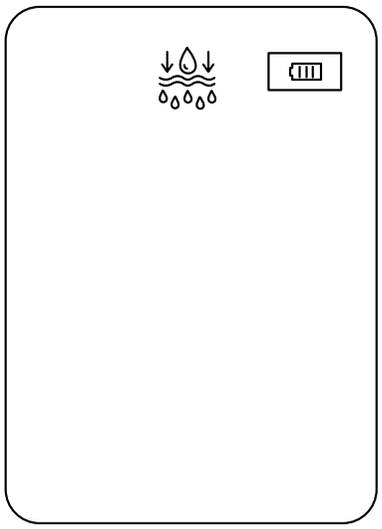

Figure 19

Now it's time to enjoy the power of muti-modality of SkinGate™ technology!

Vatality

Short Press "VITALITY" button to activate the vitality mode. You will hear a beep sound to confirm activation. ***(See Figure 20)***

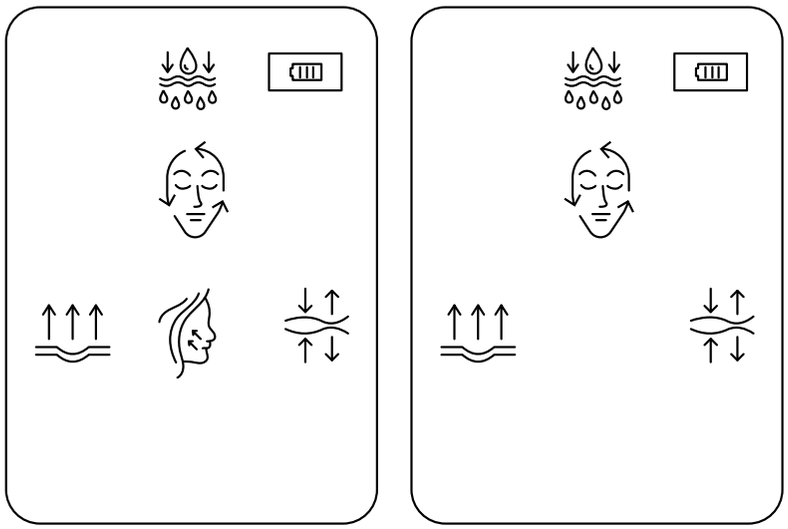

Figure 20

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English

Vitality icon is displayed in pulsating mode on the screen. **Electroporation + Radio frequency (RF) + Import Pulse Vibration,** are all working at the same time to deliver the serum deep into the skin layer and boost the collagen stimulation. ***(See Figure 21)***

Tips

Depending on the condition of your skin, we recommend using SkinGate™ 1-2 times per day, for approximately 5 minutes, in an upward, circular, and clockwise massage motion on each side of face. ***(See Figure 21)***

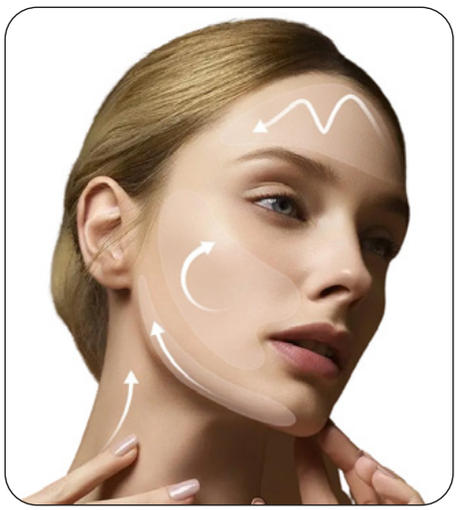

Figure 21

Forehead

Press FLOW once to excrete 1ml from the nozzle of the device. Press VITALITY mode and wait for 5 seconds. Device turns on. Press VITALITY again to SWITCH OFF Electroporation. This is to reduce the discomfort of the Electroporation whilst massaging over the forehead region.

Apply the device over your forehead skin and start with massaging the device upwards, in circular motions from the bottom of your eyebrows, circular, towards your forehead & hair line. ***(See Figure 21)***

Ensure you maintain full contact with the skin. Heat, Radio frequency and Import Pulse vibration are working!

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Cheeks, Orbital (eyes) and Jaw firming:

Start massaging SkinGate™ in a clockwise circular motion, from chin towards the back of your ear. Perform same movements from the corner of the nose towards the top of your cheeks and temple area. ***(See Figure 21)***

Avoid operating the device too long under the eye. Please make sure, your eyes are closed, whilst you massage the device too close to the orbital area.

DO NOT apply the device over the eyeballs or above the eye lid region!

Tips

You may find that at certain areas of the face you might feel an uncomfortable sensation such as pulsating or tingling. This is due to running Electroporation discharge over the network of specific nervous paths, such as forehead, eye region, jaws, neck, or upper cheeks.

You can notice occasional redness or a temporary blood vessels inflammation. These symptoms are expected and can return to normal the next day.

If you experience pain, burning, blistering or other forms of excess discomfort, immediately stop using the device and contact customer care, your local doctor, a qualified skin therapist or a professional skin specialist for further advice.

In that case, you can simply short press “VITALITY” button to switch OFF Electroporation mode and take advantage of other functionalities such as Radio Frequency (RF) and “Import Pulse” Vibration to lift and tone your skin, easily and without any discomfort. ***(Figure 22)***

Short press “VITALITY” button a third time, which you can reverse the setting back to default, which is the activation of all modalities: Electroporation + RF + Import Pulse Vibration ***(Figure 23)***

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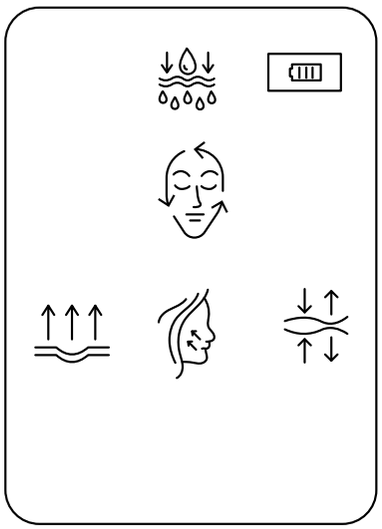
English

Screen display:



Vitality Mode Screen

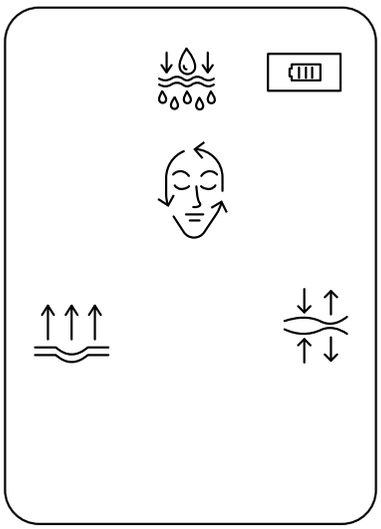


Figure 22

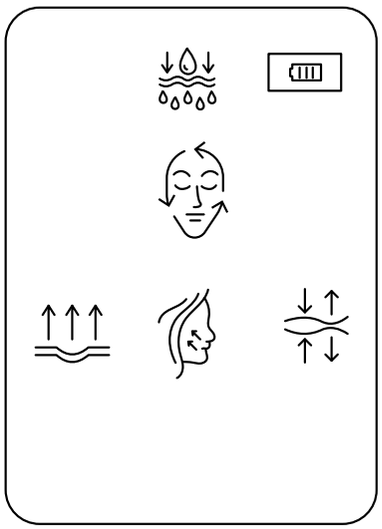
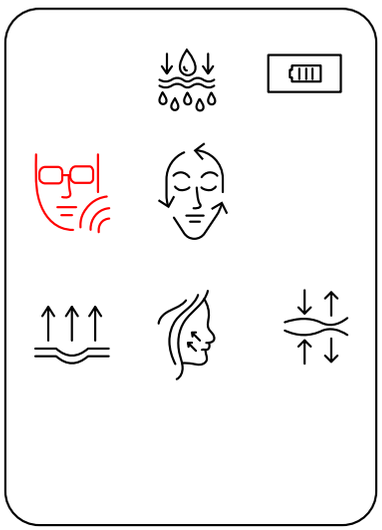


Figure 23

LED light therapy

Whilst device is operating in VATALITY mode, you can simply press LED button, to activate RED light LED, or by pressing it again, to activate the Blue light LEDs. ***(See Figure 24)***



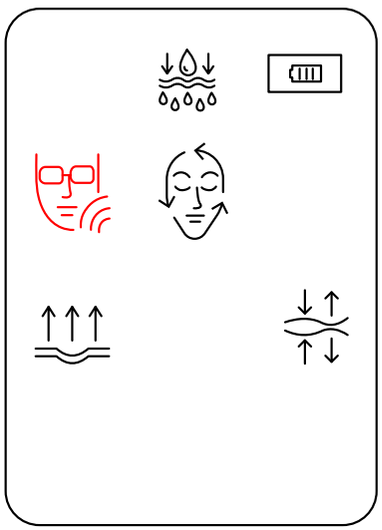


Figure 24

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Tips

If you like to ONLY take advantage of using Red or Blue LED lights to rejuvenate, minimise signs of ageing, tissue healing or simply combat your acne or and rosacea, simply SHORT PRESS “VITALITY” button to switch off and deactivate Electroporation, RF and Vibration. ***(See Figure 25)***

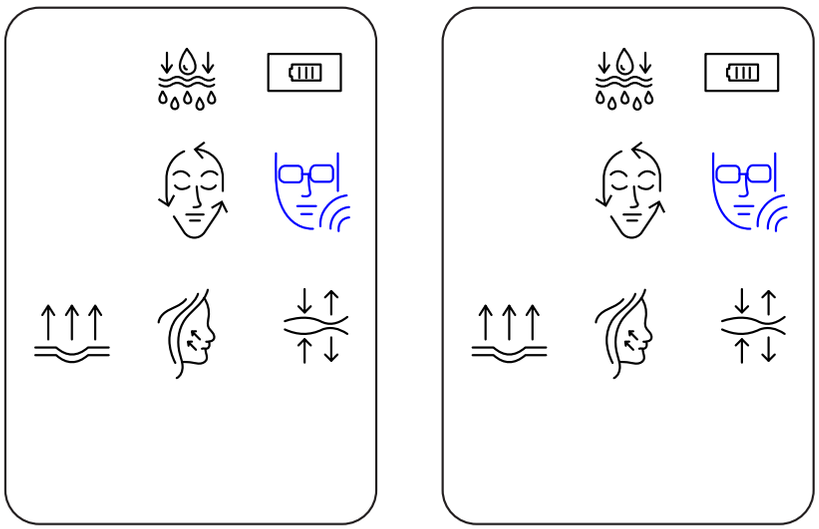

Figure 25

Press a third time, the LED light will switch off and cycle will return to default setting, under the VATALITY Mode. ***(See Figure 25).***

Danger

DO NOT look directly into the LED lights, as it may harm your eyes!

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English

Product Parameters

Size	148*40*22mm
RF Frequency	1MHz
Power	8W
Charging time	2 hours
Voltage	DC 5V/2A
Red and Blue wavelength	620-630nm, Blue 475-495nm
Function	RF/LED

Sound	**Beeps when buttons are pressed (boot, switch mode, power off, low battery capacity)**	
Battery	3.7V,1000mAh lithium battery	
Working time	10min at each mode	10 minutes of each mode, and automatically shuts down after 10 minutes. It will be re-timed if a change in mode occurs during operation.
RF	1MB HZ	
Temperature	Reaching Temperature 43±2^{0}C	
Battery - USB-C POD	Low battery Reminding	Screen flashes 3 times during working, and the buzzer beeps 3 times at the same time then powers off
	Charging Display	During charging, icons flash in sequence
	Fully charged display	The battery icon is always on when fully charged

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Caring Instructions

After each use, it is advised that you clean the head of the device with warm soapy water and use a wet cloth to dry it. Please avoid immersing the device in water and refrain from holding it under running water, as it may damage the device's electronics.

To further prevent cross-contamination and re-spreading of bacteria on the skin, please utilize **"SteriGate™,"** an ultraviolet lid designed to provide maximum hygienic experience. This accessory will effectively eliminate the risk of cross-contamination and the transmission of various harmful pathogens to the skin. ***(See Figure 26)***

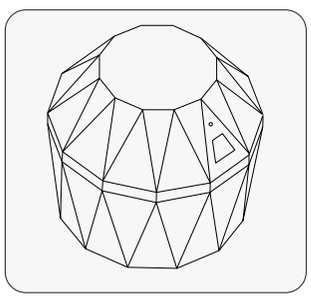
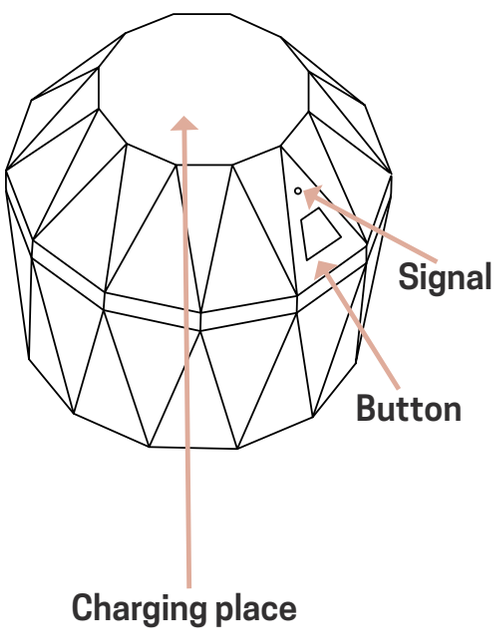


Figure 26



How to use

Press the button briefly until the signal turns blue. This indicates that the SteriGate UV-LED is in operating mode. After 3 minutes, both the signal and UV-LED will automatically shut down. The device should only be turned back on after a 15-minute cooldown period. If an attempt is made to reactivate the UV-LED before this period, the SteriGate unit will not operate.

Charging

While the device is charging, the signal will emit a red flashing light. Once fully charged, the light will stay red.

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Troubleshooting

Service problems that appear to be major can often be solved easily. You can be your own trouble-shooter by reviewing the following guide.

Issue	Reason
Device not working	Check battery power and USB-C cable connection.
	Check connecting pins and make sure that they look dry and free of oil or moisture
Skin analysis not accurate	Make sure head is clean with a piece of alcohol swab and clean tissue.
Once you turn on the device	DC 5V/2A
Once you turn on the device	Make sure POD is placed securely with the plastic ring tightened.
It beeps and skincare does not come out.	Empty Pod. Use a new POD.

Safety Precautions

Warning

1. Do NOT use harsh detergents as detergent ingredients may damage the unit. Keep the unit away from bleach materials.
2. Do NOT place the unit into a water container or flush it with water directly or indirectly.
3. Do NOT use oil, benzene, or any corrosive or flammable material to disinfect or sterilise the device. You can simply use a wet cotton or paper towel and small amount of detergent to wipe off the device's head and body.

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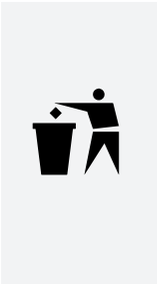
Important

- You MUST be minimum 18 years of age or above to use this device.
- Children shall not play with or use the device.
- Contact customer care immediately if your SkinGate™ device is no longer working. If the unit is damaged, not functioning properly, produces a strange noise, burning smell of smoke, discontinue use, unplug immediately and contact Customer Care.

Caution

Pacemaker patients, children under 8 years of age and people with a history of respiratory problems or heart or lung disease should consult a physician prior to using this product.



Note:

Dispose of PODS according to local regulations based on location of use and recycling guidelines.

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English

Warranty Details

Congratulations on your purchase!

It is our pleasure to provide you with quality technology that you can trust. Our SkinGate™ patent technology comes with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for major failure and compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The Guarantee

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced, or refunded at our discretion, solely at our option with no charge for parts and labour. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Trade Practices Act and similar state laws.

Proof of Purchase

This warranty is valid for the original purchase and is not transferable. Please keep your purchase docket or receipt as proof of purchase and as proof of date on which the purchase was made. The purchase docket (or a copy) or receipt must be presented with the warranty when making a claim under this warranty.

Service during the Warranty Period

To claim for warranty, contact us on +61 3 88406507 or support@skingate.com.au to get an RA# (Return Authorisation Number) or submit a support ticket on my.andatech.com.au. Ensure that the RA# is clearly stated on the outside of the packaging and that the product is properly packaged so that no damage occurs to the product during transit. Shipping of the product back to us for warranty will be at your cost. A product return without the RA# will not be accepted.

Extent of Warranty

This warranty is limited to defects in workmanship or parts. All defective products or parts will be repaired or replaced. This warranty does not cover manuals and packaging.

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English

Normal Wear and Tear

This warranty does not cover normal wear and tear to the product or parts.

Exclusions

This warranty does not cover:

- Any defect caused by an accident, misuse, abuse, improper operation, lack of reasonable care, unauthorised modification, loss of parts, tampering or attempted repair by a person not authorised by the distributor.
- Any product that has been damaged by a lightning strike either directly or indirectly or a main power surge or liquid ingress.
- SkinGate™ advises that if you use non-Genuine Consumables, replacement parts or accessories, you may damage your Product and may void your warranty.
- Any damage caused by improper power input or improper cable connection.
- This warranty covers only manufacturing defects, and not normal wear and tear, including filters which are considered consumables.
- CosmoAesthetics Pty Ltd does not warrant the Product as a health improvement device. The product is not a Medical Device or Therapeutic Device as defined by the Therapeutic Goods Act 1989. i. All exclusions.

FCC COMPLIANCE INFORMATION

This unit complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; and (2) This device must accept any interference received.

SkinGate™ meets FCC regulations for harmful interference with radio communications so you may use it by your computer, audio players, etc.

without causing any unusual interference problems. Pacemaker patients should not use without first consulting with their physician.

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English

Ordering SkinGate™ device, Ultraviolet LID (Disinfection) or Skincare POD accessories

All device and accessories can be ordered through our website or simply scan the QR code to visit our store.

SCAN ME

Regulatory Compliance Information- Disposal and recycling information

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health.
Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

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SkinGate™
LOVE YOUR SKIN

CosmoAesthetics Pty ltd

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Phone: +61 3 88406507

Email: support@skingate.com.au

SkinGate™ is Proudly Australian Designed

Made in China

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FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. During the operation of device a distance of 15 cm surrounding the device and 20 cm above the top surface of the device must be respected.