

SPOTLESS

‘Multi-Purpose’ Fibroblast Plasma Pen



Skin Tightening | Wrinkle Removal | Skin Rejuvenation | Blemish Removal

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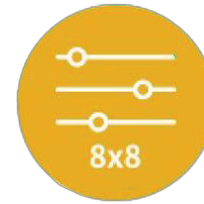
Multi-Purpose Fibroblast Plasma Pen for Skin Tightening & Blemish Removal Safely Vaporizes Skin Cells without Contact, Incision, Scarring & Bleeding



Simple Use



Stable Energy



Fine Control



Various Effects



Cost-Efficient



Safe Material

Intro: Plasma Energy

The Fourth State of Matter

Ionized Gas Encountered in Daily Life, Found to Heal Wounds



Plasma is a state of matter that is distinct from solids, liquids, and gases. It is often referred to as **the fourth state of matter**.

This state is created when **gas is heated to a point where electrons are knocked free from atoms**, forming an ionized gas. It consists of positively charged particles (ions) and negatively charged particles (electrons) present in random motion.



Plasma is found in over 99% of the visible universe.

From neon signs on the streets to the sun and lightning strikes, we are surrounded by plasma in our daily lives.

Such easy accessibility of plasma has encouraged scientists to study and apply it to countless meaningful uses, including making computer chips, rocket propulsion, cleaning the environment, destroying biological hazards, as well as **healing wounds**.

Intro: Principle of Plasma Pen

Spotless Emits Plasma Energy to Vaporize Skin Cells

No Contact With Skin for Lower Damage and Rapid Recovery

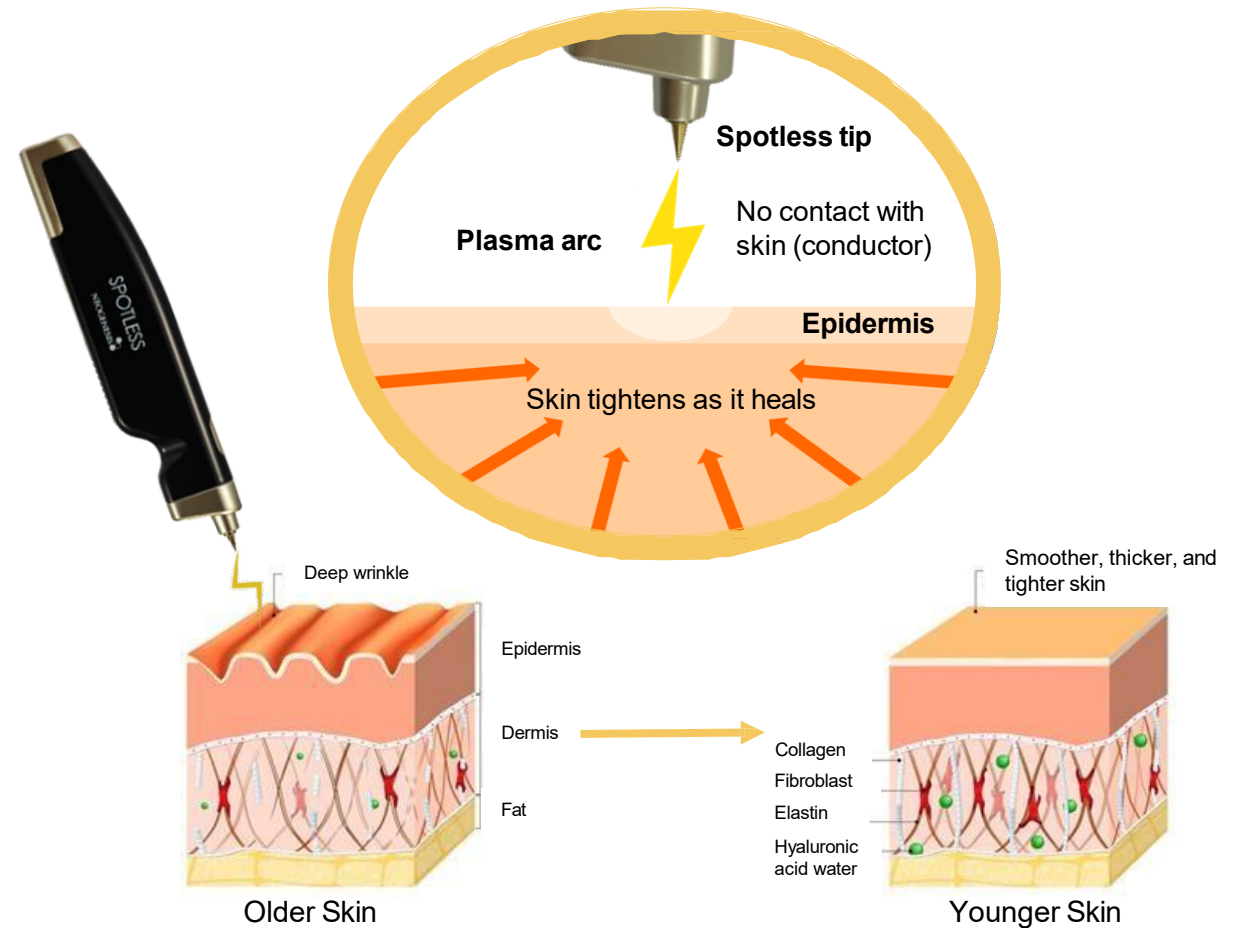
The discovery of the plasma energy's ability to heal wounds gave rise to a new trend in the aesthetic field – the plasma pen treatment.

Spotless is a multi-purpose plasma pen that utilizes the plasma energy to treat various skin concerns.

When the tip of Spotless approaches a conductor such as a human body, high frequency plasma arc energy is released. This plasma energy **vaporizes epidermal cells** to accelerate the healing of the skin.

Without direct contact with the skin, incision, scarring or bleeding, damage to the skin is minimized, enabling rapid recovery after the treatment.

Plasma energy has various effects including blemish and wrinkle removal, skin lifting, and skin elasticity enhancement.

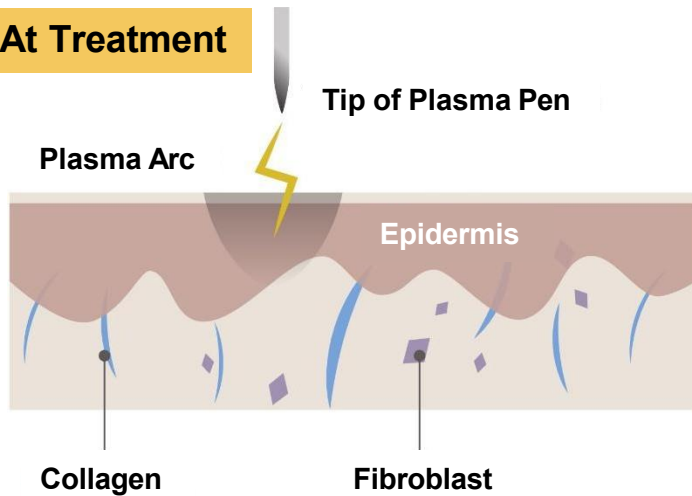


Intro: Principle of Fibroblasting

Plasma Energy Stimulates Fibroblast Cells for New Skin

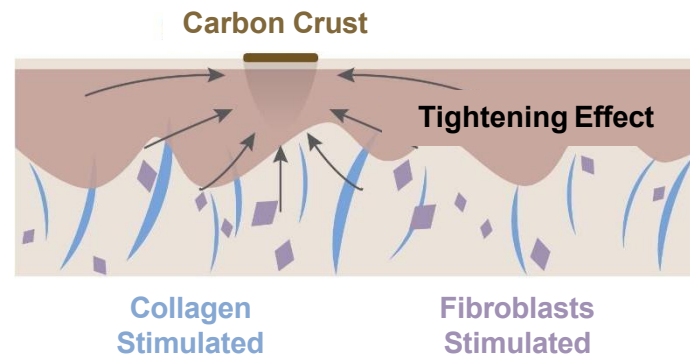
New Collagen Generated for Healthier and Tighter Skin

At Treatment



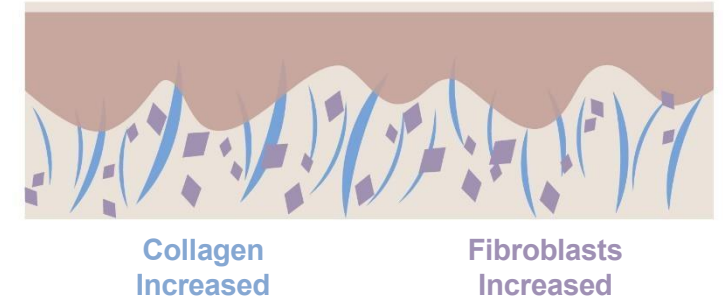
A plasma arc creates controlled light damage to the epidermis.

Post Treatment



The damage stimulates fibroblast cells which produce more collagen to repair the skin.

7th Day Post Treatment



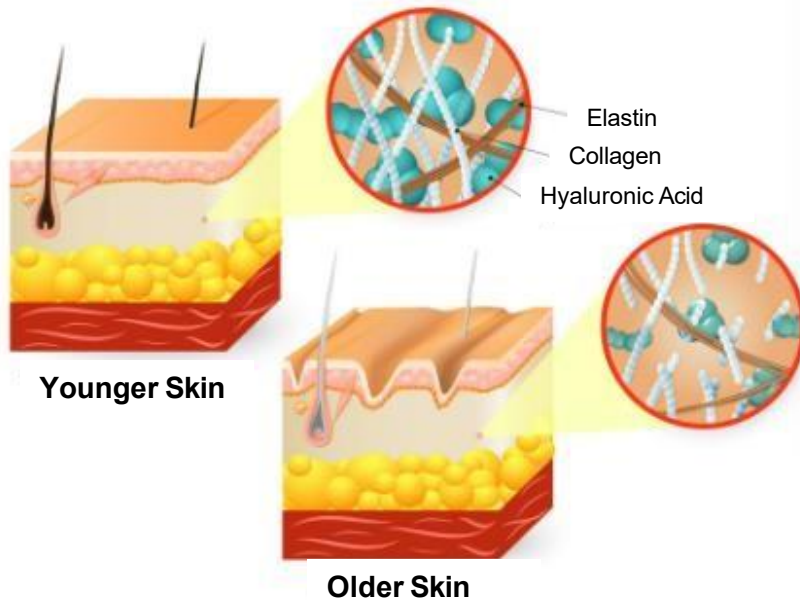
Collagen continues to generate for 4-6 weeks after treatment, resulting in lifted, younger and smoother skin.

Studies Have Verified the Advantages of Fibroblasting

Proven to Promote Neocollagenesis and Thicken the Dermis

Radiofrequency treatment induces fibroblast growth factor 2 expression and subsequently promotes neocollagenesis and neoangiogenesis in the skin tissue

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Abstract Radiofrequency (RF) treatment appears to be involved in production of new collagen fibrils and the improvement of existing collagen structures; however, the molecular bases of the effect of non-invasive RF on the skin tissue have not been fully elucidated. This study reports the effects of RF associated or not with hydrolyzed collagen (HC) in the skin tissue. Wistar rats were randomly divided into four groups, according to the treatment received: control group (G1, $n = 5$), no treatment; subjects in group G2 ($n = 5$) were treated with HC; and capacitive RF was applied to the back of each subject in G3 ($n = 5$) and RF associated with HC in G4 ($n = 5$). Biopsies were taken 30 days after treatment and then were histologically processed and studied for inflammatory cell counting, collagen content, and morphometry. In addition, FGF2, CD105, and COX-2 expression was assessed by immunohistochemical staining. The most

relevant changes were the increase in cellularity and accumulation of intercellular substance in RF-treated animals (G3 and G4). The greatest dermis thickness rate was observed in G4, followed by G3 and G2 ($p < 0.05$). RF-treated skins (G3 and G4) exhibited a significant overexpression of FGF2 ($p < 0.0001$) and increased microvessel density ($p < 0.0001$) in comparison with G1 and G2. Moreover, the amount of COX-2 was significantly higher ($p < 0.0001$) in dermis of RF-treated areas compared to G1 and G2, and demonstrated differences in G3 (RF) compared to G4 (RF + HC) ($p < 0.0001$). Our results suggests that RF treatment associated or not with HC induces FGF2 overexpression, promotes neoangiogenesis and modulates the COX-2 expression, subsequently promotes neocollagenesis, and increased thickness rate of dermis.

Reference:

Meyer, P.F. *et al.* (2017) "Radiofrequency treatment induces fibroblast growth factor 2 expression and subsequently promotes neocollagenesis and neoangiogenesis in the skin tissue," *Lasers in Medical Science*, 32(8), pp. 1727–1736. Available at: <https://doi.org/10.1007/s10103-017-2238-2>.

6 Unique Qualities that Make Spotless the Right Choice

Professional Treatments in Simple, Cost-Efficient Way



Small Size & Ergonomic Grip
For Precise Control



4 Types of Tips
For Diverse Applications



Cost Efficient
Functionalities Comparable to
Medical Laser Machines



Stable Energy
With 24V Power & 60Hz Wavelength



64 Energy Combinations
For Professional Treatments



Stainless 304
The Most Widely Used for Safety



Strength: Design

Small Size & Ergonomic Grip for Precise Control

Minimalist Design for User's Simplicity and Professional Aesthetics

Round edges & smooth lines
for a simple yet professional appearance

Shot button positioned on top of the device
where the index finger is placed for convenience



Excellent grip facilitated by the perfectly
angled curved design for guaranteed
comfort of use

Adaptor connection point
on the back of the device

Size of a Board Marker

- ✓ Dimensions (W x D x H): 170 x 35 x 15mm
- ✓ Light body of 53g - easy on the wrist
- ✓ Optimized design through elimination of superfluous details for enhanced user-friendliness



Control panel facing the practitioner for
visualization of energy levels during treatments

Switch and power & frequency buttons
positioned on the bottom for easy reach and
control by thumb

Strength: Cost Efficiency

Functionalities Comparable to Medical Laser Machines

At Only 1/20 of the Price for an Average Laser Machine

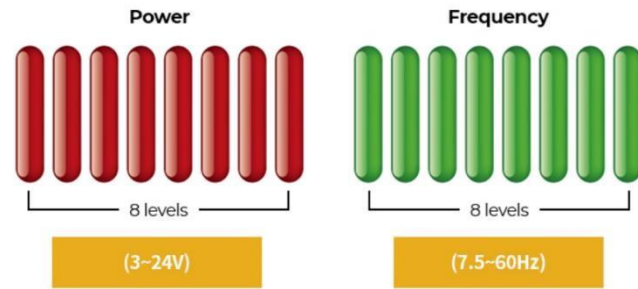
	Average Laser Machine	Spotless
Dimensions	750 x 580 x 1370 mm	170 x 35 x 15 mm
Weight	80kg	0.053kg
Portability	Can be wheeled within the room, otherwise stationary	Portable everywhere with complementary adaptor
No. of Treatments	1-3 treatments	4 treatments focusing on over 20+ skin concerns
Price	\$\$\$\$\$\$\$\$\$\$	\$
Consumables	Yes (Costly)	Yes (Affordable)
Pre-Heating Required	Yes	No
Power Consumption	High	Low
Ease of Use	★★	★★★★★
Warranty	1 year	1 year + lifetime maintenance



Strength: Energy Control

64 Energy Combinations for Accurate Treatments

8 Levels of Power & 8 Levels of Frequency Enable Precise Targeting



Energy width and depth can be controlled from 1 to 8 levels depending on the skin concern

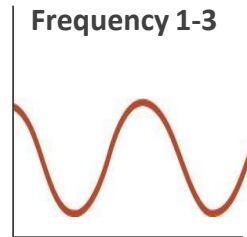


Strength: Energy Control

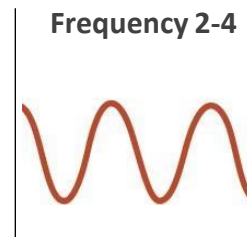
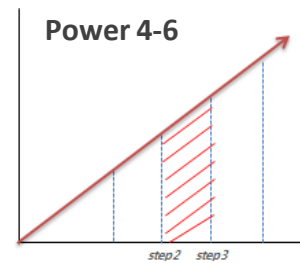
Modify the Energy Based on Severity of the Concern

Tailor the Treatment to Suit the Patient's Needs and Conditions

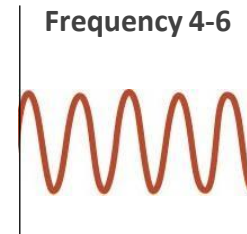
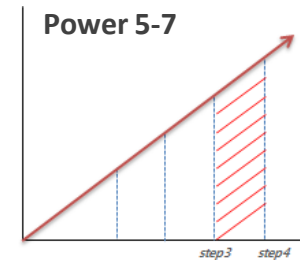
Soft Syringoma



Shallow Mole



Deep Spot



While there are recommended energy levels for different skin concerns, it must be kept in mind that **the same skin concern can require different energy levels depending on its degree of severity.**

For instance, while a light, superficial mole can be removed with 4-6 power level and 1-3 frequency level, they would not suffice for removing a deeper and darker mole.

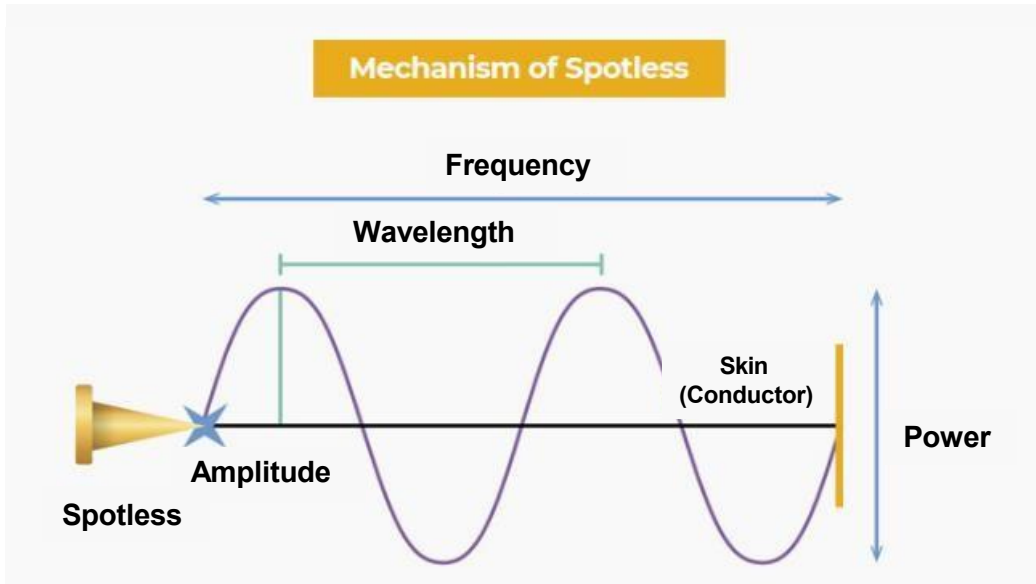
Hence, Spotless has been created to incorporate 8 levels of power and 8 levels of frequency – a unique feature like no other in the world of plasma pens.

With 64 energy combinations, Spotless allows precise treatments **tailored to the patient's needs and condition.** The energy levels can be easily adjusted according to the size and depth of the skin concern and, ultimately, the practitioner's judgment.

Strength: Stable Energy

Up to 24V Power & 60Hz Wavelength

Increased Precision, Consistent Result and Reduced Downtime



The emitted plasma energy increases and decreases in a steady curve of sine waves. The stable wavelength of up to 60Hz delivers consistent plasma energy, which allows **easier control of the effect on treatment.**

The plasma energy from Spotless focuses on a **wide surface area on the epidermis** layer of the skin, ensuring:

- ✓ Reduced risk of adverse effects from limited damage to deeper levels of the skin
- ✓ Shorter downtime
- ✓ User-friendliness even for first time users

Power Supply	110–240v
Frequency	60Hz, 0.5A
Voltage	DC 24/1A

The ranges of power supply, frequency and voltage have been **optimized for best performance** at the safest level.



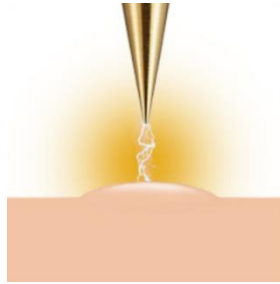
Strength: Various Tips

4 Tips, 4 Types of Energy, Diverse Applications

Reusable Tips, Easy to Screw On for Various Treatments



Regular Tip
Thick Plasma Energy



The regular tip causes plasma sparks in the skin tissue to vaporize various skin blemishes without side effects.



Fine Tip
Thin Plasma Energy



A small plasma spark from the fine tip vaporizes the epidermis at a recognized interval, stimulating fibroblasts for cell regeneration.



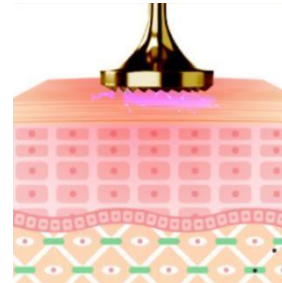
Flat Tip
Wide Thermal Energy



The flat tip transfers heat to the deep dermis without pain, promoting collagen production.

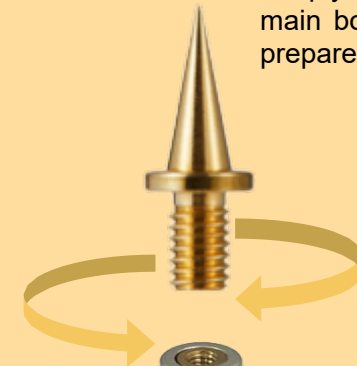


Fractional Tip
Fractional Plasma Energy



The fractional tip stimulates the skin surface with numerous small arcs without affecting the cellular tissue. A subtle thermal effect also occurs, performing a complex function.

Simply screw the tip onto the main body within 10 seconds to prepare for your treatment.



The gold plating on the tips acts as an indicator for when the tips should be replaced with new ones.



Strength: Safe Material

Stainless 304: The Most Widely Used for Safety

High Quality Stainless Tips Ensure Durability and Safety for the Skin

Numerous studies have proven the safety of Stainless 304 for its **anti-allergy and corrosion-resistant properties** when in contact with the skin.

Spotless tips have been produced with the Stainless 304 material to ensure harmless effects on the skin and **minimize the possibility of adverse reactions.**

In addition, better cost efficiency compared to the Stainless 316 material ensures **affordable prices of the tips**, which are consumables that need to be repurchased regularly.



Grade	Corrosion resistance (passivity)	Ni release in synthetic sweat ($\mu\text{g}/\text{cm}^2/\text{week}$)	Clinical test (allergic reactions) (%)	Grouping
AISI 430/1.4016 AISI 304/1.4301 AISI 316L/1.4404	Yes	< 0.05	0	1
AISI 303/1.4305	Weak	\approx 0.5	14	2
Ni-plated steel	No	> 70	96	3

Reference: Cunat, P.-J. (2000) "Stainless Steel - The Safe Choice," *Environment and Human Health Series*.

Table 3: Stainless steel in prolonged contact with skin and the Ni contact dermatitis issue.







Special gold plating, also anti-allergic and corrosion-resistant on the skin, provides a premium aesthetic appearance.

Strength: Competitive Advantage

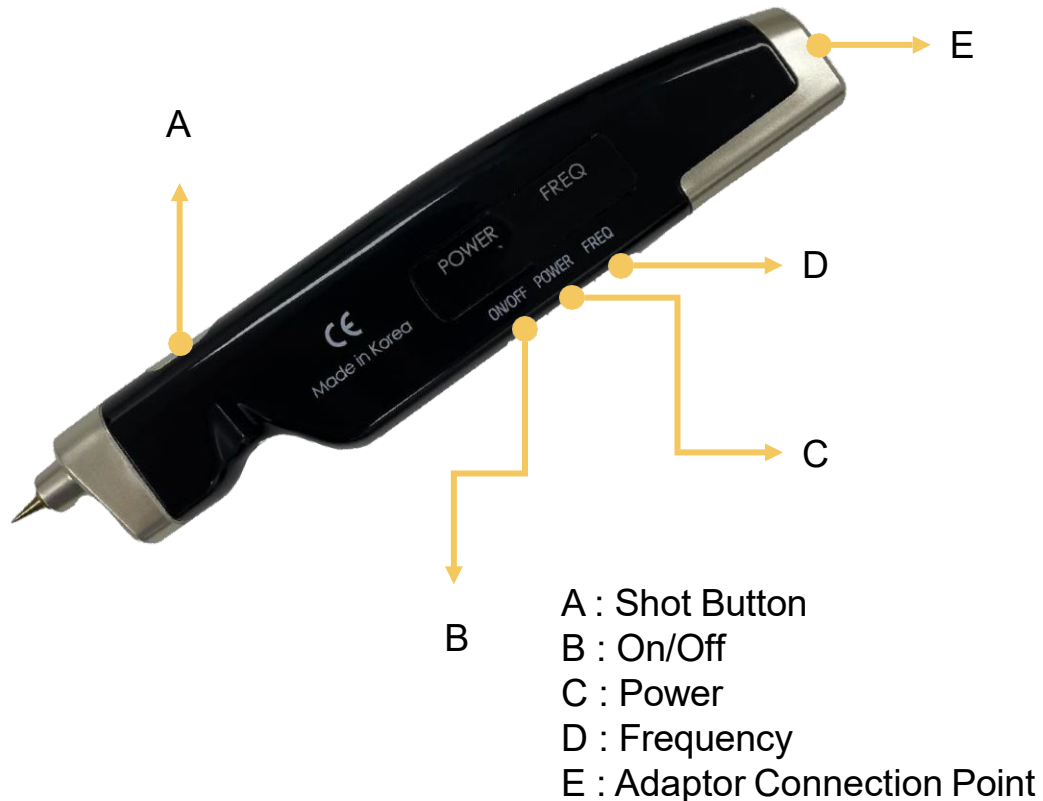
Spotless: The Best Plasma Pen in the Market

Unbeatable Product Quality for a Significantly Less Price

Product Name	Spotless	Brand 'B'	Brand 'F'	Brand 'P'
Product Image				
Size	170 x 35 x 15mm	160 x 25 x 25mm	180 x 20 x 20mm	170 x 40 x 23mm
Weight	53g	50g	67g	100g
Energy Levels	64 levels (8*8)	16 levels (4*4)	9	9
Complementary Tips	O	O	X	O
Tip Price	\$	\$\$\$	\$\$	\$
Warranty	12 months + Lifetime Maintenance	12 months	X	12 months
Consumer Price	\$\$	\$\$\$\$\$	\$\$\$\$	\$\$

Insert a Tip. Connect the Power. Simple as That.

How to Operate Spotless Within 30 Seconds



1. Insert a tip onto the device.
2. Connect the power adaptor to the device.
3. Press the on/off button for a few seconds to operate it.
4. Adjust the power and frequency.
5. Press the shot button.
Once the power button starts blinking, it is ready for use.
6. Press the shot button to activate plasma energy, and release it to stop.
7. Press the on/off button for a few seconds to switch off.

Choose Your Tip Depending on the Desired Effect

Combine the Tips for a Complete Facial Treatment

Blemish Removal



- ✓ Moles
- ✓ Freckles
- ✓ Milia
- ✓ Age spots
- ✓ Warts
- ✓ Skin tags/lesions

Skin Tightening & Elasticity Enhancement



- ✓ Injectable absorption & activation
- ✓ Skin lifting
- ✓ Pore tightening
- ✓ Skin sterilization
- ✓ Elasticity enhancement
- ✓ Fine wrinkle removal

Wrinkle Removal & Skin Regeneration

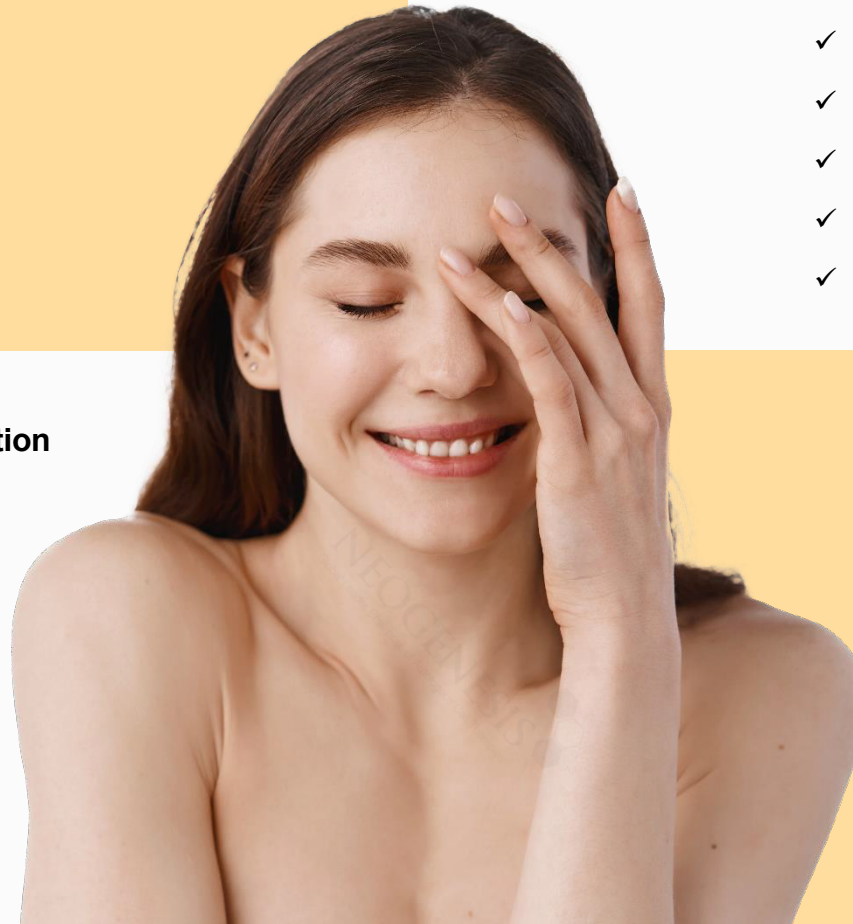


- ✓ Accordion lines
- ✓ Crow's feet
- ✓ Forehead lines
- ✓ Jowl/jawline
- ✓ Marionette lines
- ✓ Nasolabial folds
- ✓ Skin lifting

Various Effects Including Acne & Wrinkle Removal



- ✓ Injectable delivery
- ✓ Pore cleansing
- ✓ Antiaging skin treatment
- ✓ Exfoliation
- ✓ Acne treatment
- ✓ Fine wrinkle treatment
- ✓ Elasticity enhancement



Regular Tip: Thick Plasma Energy

For All Types of Blemish Removal Treatment



1. Cleanse the skin with a non-alcoholic cleanser, and apply anesthetic cream to leave on for 20 minutes.



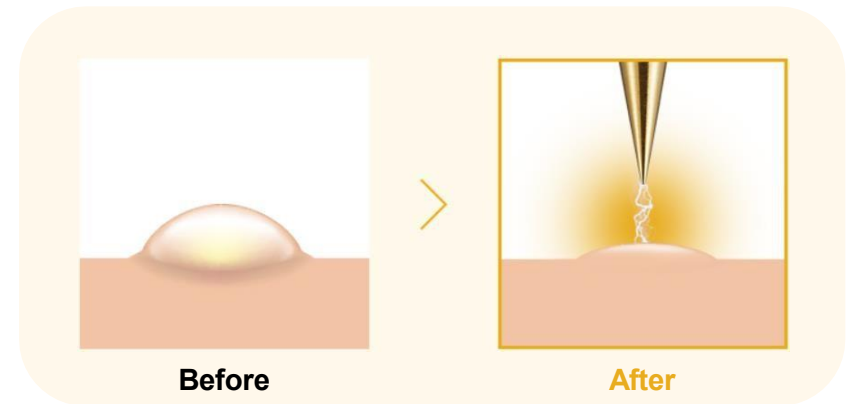
2. Place the Regular Tip onto Spotless, and set the power and frequency levels according to the treatment plan.



3. Press the shot button, and place the regular tip closer to the targeted area in a continuous moving motion.



4. After treatment, apply a Beta Mask or regenerating cream to the treated area to heal the skin.



Fine Tip: Thin Plasma Energy

For Optimized Fibroblast Skin Tightening and Wrinkle Removal Treatment



1. Cleanse the skin with a non-alcoholic cleanser, and apply anesthetic cream to leave on for 20 minutes.



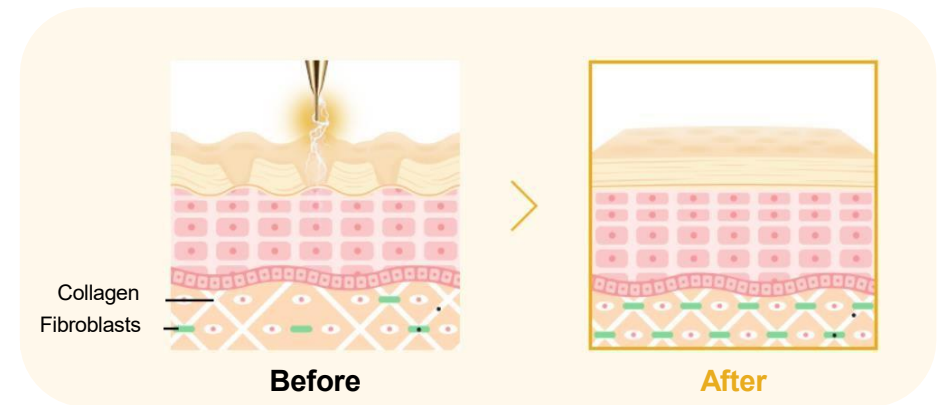
2. Set the level of intensity on the device, and get the Fine Tip closer to the skin. Once closer to the skin, plasma arcs will appear.



3. Use the Scanning Technique or the DOT-BY-DOT Technique on deep wrinkles and rough skin.



4. After treatment, apply a Beta Mask or healing cream immediately.



Fractional Tip: Fractional Plasma Energy

For Collagen Synthesis and Anti-Aging Treatment



1. Cleanse the skin with a non-alcoholic cleanser, and apply anesthetic cream to leave on for 20 minutes.



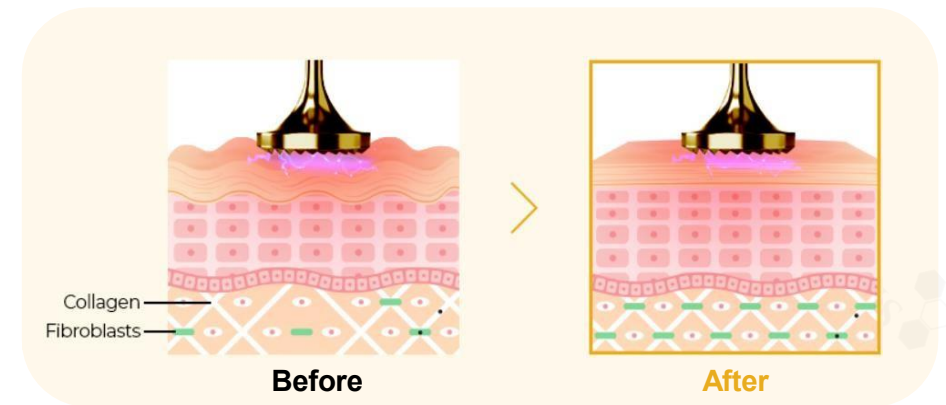
2. Apply Beta Serum or conductor gel to the skin.



3. Place the Fractional Tip on the skin, and move in a tapping motion for 5 minutes each on the forehead, the cheeks, the perioral area, and the neck.



4. Remove conductor gel if used. For post-care, apply a Beta Mask immediately to accelerate skin repair.



Flat Tip: Wide Thermal Energy

For Skin Rejuvenation With Tightening and Lifting Effects



1. Cleanse the skin with a non-alcoholic cleanser, and apply anesthetic cream to leave on for 20 minutes.



2. Apply Beta Serum or conductor gel to the skin.



3. Place the Flat Tip on the skin, and move in a gliding motion for 5 minutes each on the forehead, the cheeks, the perioral area, and the neck.



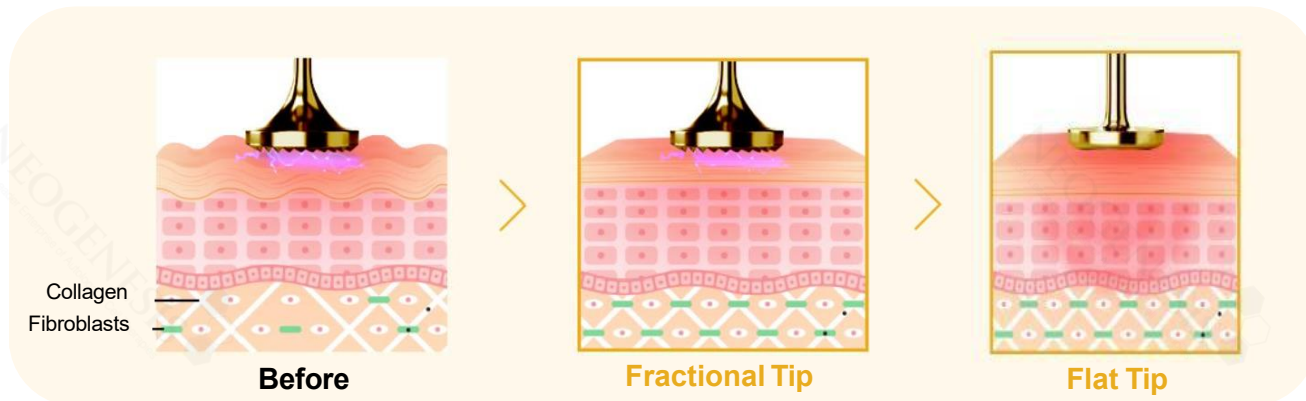
4. Remove conductor gel if used. For post-care, apply a Beta Mask immediately to accelerate skin repair.



Mixed Treatment with Fractional and Flat Tips

Double the Effects of Skin Rejuvenation and Anti-Aging Treatment

1. Apply Beta Serum or conductor gel to the skin.
2. Get the Fractional Tip closer to the skin, and move in a tapping motion for 5 minutes each on the forehead, the cheeks, the perioral area, and the neck.
3. Remove conductor gel if used, and apply Beta Serum to the skin.
4. Replace the Fractional Tip with the Flat Tip.
5. Get the Flat Tip closer to the skin, and move in a gliding motion for 5 minutes on each of the areas previously treated with the Fractional Tip.
6. Once complete, apply a Beta Mask immediately.



5 Rules for Maximized Benefits

Accelerate the Healing Process for the Best Spotless Therapy Result

1

Do not pick the brown/black crusts on the skin surface. The crusts will fall off in a few days.



2

Avoid sauna/spa, use of exfoliating products, or botox/dermal fillers.



3

Apply a minimum of SPF15 sunblock, and avoid exposure to the sun.



4

Use ice packs or hydrating face masks like Beta Mask to soothe the skin and reduce swelling.



5

Use skin soothing serum like Beta Serum to prevent the skin from dehydration and peeling.



Excellent Mole & Skin Tag Removal with Regular Tip

Figure 1. Mole Removal



Before & 8 Days After Treatment

Candidate Detail	Female, 31
Area of Concern	Mole
Treatment Type	Mole Removal
Used Tip	Regular Tip
Number of Sessions	2

Figure 2. Skin Tag Removal



Before & 5 Days After Treatment

Candidate Detail	Female, 22
Area of Concern	Skin Tag
Treatment Type	Blemish Removal
Used Tip	Regular Tip
Number of Sessions	1

Visibly Reduced Wrinkles and Improved Skin Elasticity

Figure 3. Wrinkle Removal



Before & 13 Days After Treatment

Candidate Detail	Female, 46
Area of Concern	Crow's Feet
Treatment Type	Fibroblast Treatment
Used Tip	Fine Tip
Number of Sessions	2

Figure 4. Skin Rejuvenation

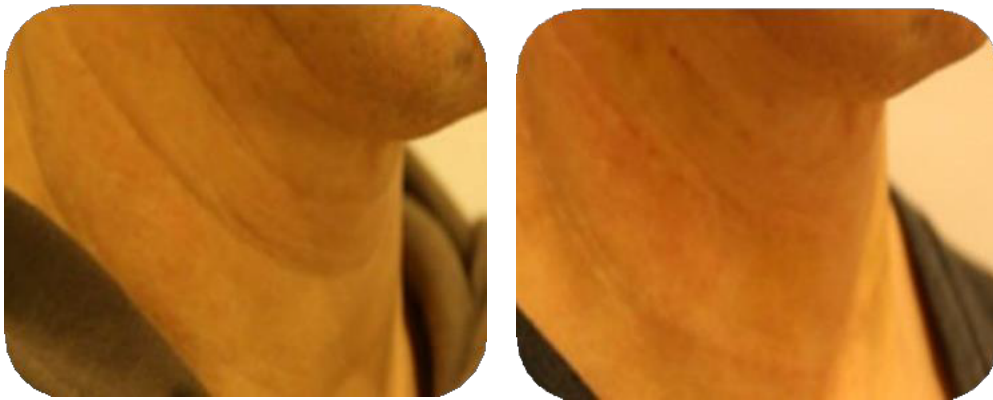


Before & 4 Days After Treatment

Candidate Detail	Female, 62
Area of Concern	Sagging Skin
Treatment Type	Skin Tightening
Used Tip	Fractional & Flat Tips
Number of Sessions	1

Also Effective for the Neck & Back of the Hands

Figure 5. Neck Wrinkle Lifting



Before & 7 Days After Treatment

Candidate Detail	Female, 54
Area of Concern	Neck
Treatment Type	Lifting
Used Tip	Fine Tip
Number of Sessions	1

Figure 6. Hand Wrinkle Removal



Before & 17 Days After Treatment

Candidate Detail	Female, 57
Area of Concern	Back of Hand
Treatment Type	Lifting
Used Tip	Fine Tip
Number of Sessions	2

Credible Reviews Prove the Effectiveness of Spotless Milia Removal Treatment with Spotless Conducted by Kin Professional

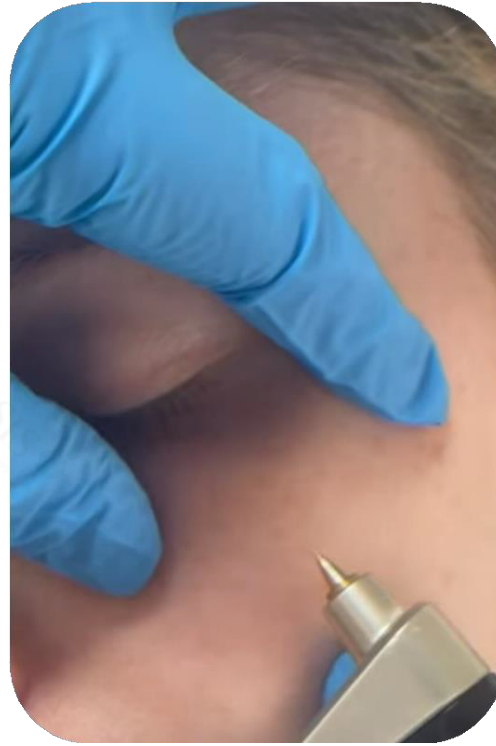


Figure 5 shows pictures taken from Kin Professional's video review on milia removal treatment using Spotless.

“Without using any pressure, gently touch the tip of the milium. The patient may feel a little zap but it isn't painful.”

“The milium instantly vaporizes and the treatment is done.”

Figure 7. Spotless on Social Media

Composition

Get 3 Complimentary Tips Upon Purchase of Spotless



Quality Guaranteed with GMP, ISO13485 Certified Facilities

Spotless	
Application	Wrinkles, Moles, Skin Tags, Milia, Etc.
Power Supply	110~240V / 60 Hz. 0.5A
Voltage Rating	DC 24V, 1A
Dimensions (W x D x H)	170 x 35 x 15mm
Weight (Body + Accessory)	53g
Contents	Main device, Adaptor, 3 Complimentary Tips (2 Regular +1 Fine)
Consumables	Regular, Fine, Fractional, Flat Tips
Function	Power & Frequency Control (8*8 levels)

16-031329-01-1

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 설명 Trade Name or Register	(주)프로텍스
기자재 명칭 Equipment Name	이머솔거기
기본모델명 Basic Model Number	BEAUTY CLEANSER
과형모델명 Series Model Number	
등록번호 Registration No.	MSIP-REM-16k-BEAUTYCLEANSE
제조자/제조(조립)국가 Manufacturer/Country of Origin	(주)프로텍스 / 한국
등록연월일 Date of Registration	2016-07-05
기타 Others	

위 기재는 「신라법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2016년(Yeol) 07월(Month) 05일(Date)

국립전파연구원장
Director General of National Radio Research Agency

* 적합등록 방송통신기자재는 반드시 "적합성평가표시"를 부착하여 유통하여야 합니다.
필요시 대체로 재발 및 등록이 취소될 수 있습니다.

EC DECLARATION OF CONFORMITY

Manufacturer : JETEMA Co., Ltd.
Address : 16-25, Dongbaekjongsang-ro 16beon-gil, Gyeong-gu, Yangju-si, Gyeonggi-do, Korea
Product name : BEAUTY CLEANSER, SPOTLESS
Specification : 230V~, 50 Hz.

We, JETEMA, declare under our sole responsibility, that the products described above complies with the requirements of European Directive as follows:

EMC Directive 2014/53/EC / The Directive 2014/35/EU

For evaluation of compliance with these Directives, the following standards were applied:
EN 55014-1:2006/A1:2009/A2:2011 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
EN 55014-2:1997/A1:2009/A2:2008 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard
EN 61000-3-2:2014 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emission equipment rated current ≤ 16 A per phase
EN 61000-3-3:2013 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection

Signature

Name : Kim Jae Young
Title : President
Company Name : JETEMA Co., Ltd.
Date : 26, December 2017



Maria Trading[®]
House of Aesthetics

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