

SYNER JET^{PRO}



SIMPLE MANUAL

- ※ This equipment can only be operated by physicians who have received training from HIRONIC, and users must familiarize themselves with the user manual in advance.
- ※ This document is provided for reference purposes only. Depending on the patient's skin condition, the physician should conduct a TEST SHOT and use an appropriate treatment setting based on their judgment.
- ※ The parameters presented are for reference purposes only and must be adjusted according to individual cases.
- ※ Please note that any issues arising from improper use or excessive treatments are not the responsibility of the company.

■ Cautions before treatment

- Pregnant or breastfeeding women.
- Individuals with open wounds or surgeries that may bleed.
- Patients with electronic devices implanted in the body (such as bioabsorbable stents).
- Confirm that the patient is suitable for the medications and treatments used in this procedure (check for patient-specific concerns related to the procedure).
- Direct use on the eyes is prohibited, and eye protection must be observed.
- Immediately discontinue the procedure if any adverse reactions occur during treatment.

■ Cautions after treatment

- After the procedure, pinpoint bleeding, mild redness, and bruising may occur at the injection sites. These symptoms usually resolve naturally within 3-7 days.
- It is recommended to apply regenerative cream, moisturizer, and sunscreen to the treated area; light makeup is permissible.
- Avoid excessive massage, like acupressure, and heavy makeup on the treated area for 2-3 days.
- Avoid saunas smoking and drinking alcohol for about 7 days
- It is advised to avoid strenuous exercise that causes excessive sweating, as it may hinder skin recovery and the effectiveness of the treatment.

■ Recommended skin booster guide

Skin booster type	Amount of first N/S required for hydration per 1 vial	Days required for hydration	Hydrated skin booster: N/S ratio
LENISNA 50 (50mg)	6~8cc	2~5 days	1:2
LENISNA 200(200mg)	8~10cc	7~10 days	1:3
UTRACOL 100 (100mg)	8~10cc	1~3 days	1:2
UTRACOL 200 (200mg)	16cc~	1~3 days	1:3

Type	Ratio
SKIN BOTOX	[Botox + N/S] + Lidocaine*
HA BOTOX	HA* + [Botox + N/S] + Lidocaine* + N/S*

- ※ After hydration, all skin boosters and botox should be refrigerated.
- ※ If the viscosity is too high or the product is a high polymer, it may be difficult to use, so increasing the N/S ratio to dilute it can facilitate usage.
- ※ The ratio of Lidocaine*, H/A and N/S* can be adjusted according to the doctor's judgment.

Jet Setting

Preparation

- Equipment and SJ nozzle¹⁾, Two Luer-Lock syringes²⁾ (for N/S³⁾, skin boosters), 3-way stopcock, alcohol swabs

Method

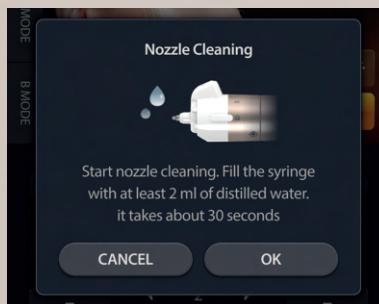
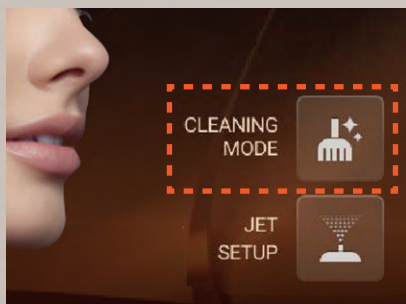
1. Press the power switch to start the device.
2. Attach the nozzle to the SJ handpiece, and attach the syringe filled with N/S by turning it clockwise.
3. Press the Treatment button, and the screen will display the SCAN message. Hold the tag sticker part of the nozzle over the RFID TAG area below the power switch of the equipment for 3 seconds to recognize it.
4. Once the treatment screen appears, set the protocols for generating jet pressure according to the table below.

POWER (V)	VOLUME (Lv)	SPEED (Hz)
200	3.0	10

5. Point the SJ nozzle upwards, then firmly push the syringe with one hand while stepping on the foot switch for 1-2 seconds to spray N/S into the air.
 - ※ Keep the foot switch pressed and only release your hand from the syringe.
6. Repeat the above process until a bursting sound occurs and the liquid sprays out in a spray form.
 - ※ When spraying, it may not be clearly visible and a loud tearing sound occurs.
7. detach the syringe containing N/S and attach the syringe containing the medication to use.

► **Check if the skin booster sprays out in a spray form as the sound changes, and once the jet pressure is generated, set the appropriate treatment protocol and start the treatment.**

Nozzle Cleaning



- 1) Replace with a syringe filled with N/S (minimum 3~5cc).
- 2) Push out the remaining skin booster in the chamber to expel about 1~2cc.
- 3) Press the 'Nozzle Cleaning' button to start the nozzle cleaning process.
- 4) The nozzle cleaning will proceed automatically for the set duration.
- 5) After cleaning is complete, check if a completion message is displayed.

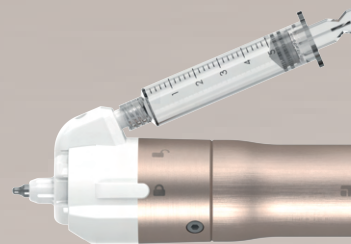
► **It is recommended to proceed with cleaning immediately after the procedure before the skin booster hardens.**

1) SJN: SJ nozzle - SJN 180

2) BD Luer-Lock Syringe: A syringe with a screw-type thread at the front that allows it to be connected to a tube or other devices.

3) N/S: Normal saline

SJ(Synerjet) Handpiece Parameters

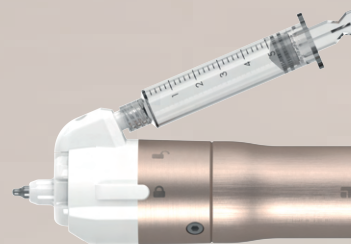


SCAR Treatment

JET Subcision

	Nozzle (um)	Power (V)	Speed (Hz)	Volume (Lv)	Distance (mm)	Dosage/ Shots	Interval (Weeks)	Sessions
AcneScar	180	120~170	1~3	1.5~2.0	1~2	Varies by size	3~4	5~10
Stretch marks	180	130~170	1~5	1.6~2.2	1~2		3~4+	5~10

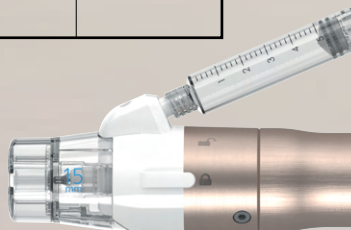
- **End Point: Immediate embossing → pinpoint bleeding**
- **Down-time: Most facial areas within about 1 week, body parts at least about 2+ weeks**
- Administer the skin booster evenly across the treatment area to ensure proper embossing.
- Place the tip at a 33° angle to the treatment area. *Lowering the angle enhances the Subcision effect.
- If skin booster or blood pools in the treatment area, it can significantly reduce output, so wipe it off during the procedure.



REJUVENATION

JETTING

	Nozzle (um)	Power (V)	Speed (Hz)	Volume (Lv)	Dosage/Shots	Interval (Weeks)	Sessions
Toning	180	120~150	10~20	1.2~1.5	2~3cc/ 2,000~3,500 shot	2	3~5

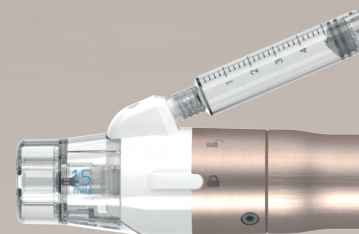


REJUVENATION

SYNERJETTING

	Nozzle (um)	EPT (mm)	Power (V)	Speed (Hz)	Volume (Lv)	ELPORA (Lv)	Dosage/ Shots	Interval (Weeks)	Sessions
Basic	180	5 or 10	110~120	10~20	1.5~2.0	2~3	2~3cc/ 2,000 ~3,500 shot	2	3~5
Sensitive skin	180	15	120~150	10~25	1.0~1.6	1~2		2	3~5

- **End Point: Mild stinging and erythema**
- **Down-time: Recovery within about 1+ days**
- Pre-treatment of the skin surface with plasma (PS) for channeling enhances the rejuvenation effect.
- Select the appropriate EP tip type (by distance) for the area to be treated.
- Attach the ELPORA tip in 90° angle and perform the procedure as if proceeding the toning.
- If treating too closely, embossing can occur, followed by potential petechial bleeding.
- If the patient feels pain or stinging, stop the treatment and reduce POWER (V) to a lower setting.



SCALP Care

SYNERJETTING

	Nozzle (um)	EPT (mm)	Power (V)	Speed (Hz)	Volume (Lv)	ELPORA (Lv)	Dosage/ Shots	Interval (Weeks)	Sessions
Focused area	180	-	110~120	3~5	1.8~2.0	-	2~3cc/ 3,000 shot	3+	5~10
Remaining areas	180	10	150+	10~20	1.6~2.0	2~3		3+	5~10

- End Point: Immediate embossing → mild erythema
- Down-time: Most recover within about 1 week

PS(Plasma) Handpiece Parameters



Drug delivery & Absorption

Thick skin		Normal skin		Thin skin	
MODE	LEVEL	MODE	LEVEL	MODE	LEVEL
CON / AGG	3~5	SOF / NOR	2~4	SEN / SOF	1~3

Skin Sterilizaion

Thick skin		Normal skin		Thin skin	
MODE	LEVEL	MODE	LEVEL	MODE	LEVEL
CON / AGG	3~4	SOF / NOR	2~3	SEN / SOF	1~3

- As pressure on the skin increases pain, moderate contact during the procedure is recommended.
- It is advised to maintain skin dried during the procedure.
- Ensure that there is no foreign substances on the plasma tip cap.
- It is recommended to proceed the treatment in a well-ventilated area.
- Mild erythema may occur after the procedure.