

# Derma Shine<sup>®</sup> *PRO*

Pioneer in automatic infusion system

Since 2013



- ❖ Auto-Sensing Injection System
- ❖ 9 Pin 32G Thin Wall Multi Needle
- ❖ Effective and precise injection into desired depth (Max. 2 mm) of the multiple sites



# Derma Shine<sup>®</sup> *PRO*

## *Digital Infusion System*

### The innovative Automatic Infusion System

The DermaShine<sup>®</sup> Pro is an innovative a digital infusion system designed to inject drugs into the patient's face and other areas. It enables precise dosing and uniform injection with a software controlled system. The applied vacuum triggering technology helps user easily perform a treatment and enables to reduce treatment time with a 32G-9 needle cartridge that permits multiple site injection. These features allow safe and effective treatment and maximize patient's satisfaction.

### Key features of DermaShine<sup>®</sup> Pro

1. Enable correct and uniform injection
2. Reduce treatment time and patient's pain

01

#### Safe and Effective Drug Delivery System

- Enable precise and uniform injection with a software controlled system
- Reduce treatment time and pain by using a 32G-9 Pin needle cartridge

02

#### User-friendly design for convenient use

- Light weight for easy handling
- Excellent visibility with large LCD (7 inch LCD)
- User-friendly graphic user interface (GUI)
- Ease user's fatigue during and after a treatment with the vacuum triggering system

03

#### Maximization of patient satisfaction

- Enhance patient satisfaction by reducing treatment time
- Enable precise injection for safe and effective treatment
- Consistent results with uniform injection

04

#### Designed to minimize patient's pain and recovery time

- Minimize patient's pain with 32G needle
- Able to return to daily activities at once

Enhanced comfort in operation by adopting 7 inch LCD and user-friendly GUI. The DermaShine® Pro enables fast & effective treatment by using a vacuum triggering technology and multi needle cartridge.

01

### Easy-to-Use

The user-friendly GUI and 7inch LCD provide users with great visibility and ease of use. All operations can be simply performed on a screen without sub-pages, and all the displayed information is intuitive and easy to understand.

02

### High compatibility with various syringe volume

Various volume of syringes are applicable to DermaShine® Pro. Plastic Syringe: 1/1 ml, 2/3 ml, 2.5/3 ml, 3/3 ml, 4/5 ml, 5/ 5ml Glass Syringe: 1.5/3 ml, 2/3 ml, 2.5/3 ml, 3/3 ml

03

### Embedded motor

Minimize noise and vibration with a optimizing technique to stabilize vacuum performance.

04

### Easy Upgrade

Easy software upgrade via dedicated port.

05

### Hygienic maintenance

Hygienic use and maintenance with the replaceable filter and suction hose.



A Injection Mode

B One Dose

C Syringe Type

D Flow Rate

E Total Shot

F Power Level

G Movement of Flange Pusher

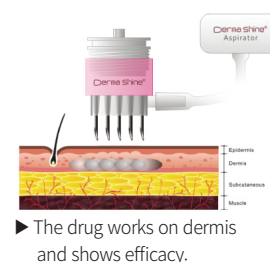
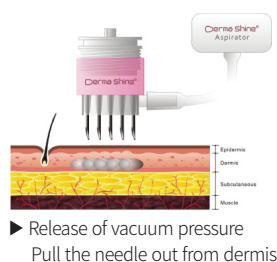
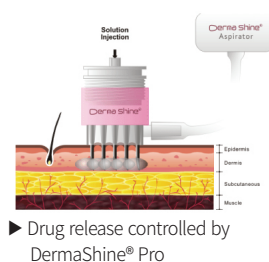
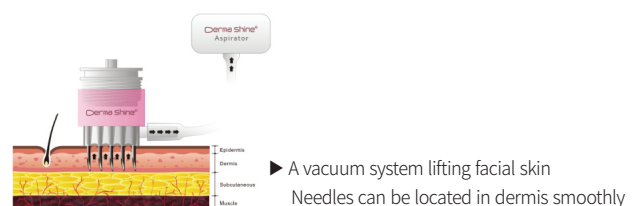
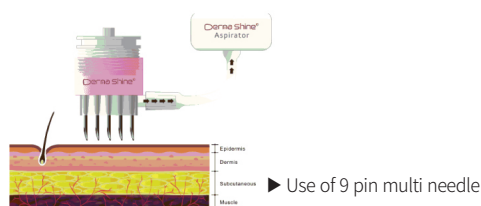
H Suction Pressure

I Memory (1~5)

J Mute Beep Sound

## DermaShine® Pro Treatment Mechanism

Faster & more effective treatment with a vacuum triggering system and multi needle cartridge



The DermaShine® Pro Digital Infusion System works with a vacuum triggering system. The system makes skin slightly lifted and contacted the tip of applied needle cartridge securely to initiate the drug injection. The drug and/or medical device products are precisely injected as much as required by the embedded software control system at the multiple site of desired area.

## Composition

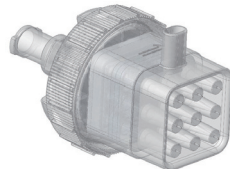
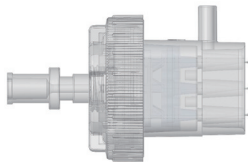
### I Main body

- Digital Infusion System

- Stand (option)



- 9 Pin Screw Multi Needle / PA-NDL9P32G1 (Disposable/Single Use Product)



### I Components



Handpiece



Adaptor

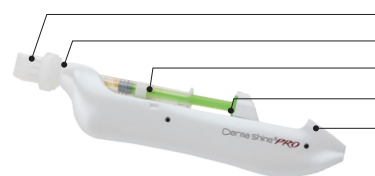


Power Cord



Foot Switch

### I Parts in injector



Multi Screw Needle  
Needle Holder  
Syringe Cover  
Syringe Holder  
Flange Pusher

## Specification

Needle	32 gauge (32G) 9 Pin Multi Needle
Needle Penetration Control	0 to 2.0 mm (0.2 mm step)
Operation Mode	Auto-Sensing, Auto-Dose, Dose Continuous – Normal, Continuous – Slow
Infusion Rate	10 – 140 shots / 1 syringe (No difference according to volume of syringe)
Syringe Option	1/1, 2/3, 2.5/3, 3/3, 4/5, 5/5, (Hi)1.5/3, (Hi)2/3, (Hi)2.5/3, (Hi)3/3 ml
Vacuum Pressure	Min. 200 - 350 mmHg / Max. 650 mmHg
Rating	AC 100 - 240 V, 50 - 60 Hz, 90 VA
LCD	7 Inch Touch Screen LCD
Dimension	Main Unit: 350 x 260 x 125 mm, Hand-piece: 33.2 X 204.8 X 52.2 mm
Weight	(Main Unit) 2.3 kg

\* (Hi): Glass syringes

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