



ADVANCED  
PLASMA SKIN CARE  
SOLUTIONS

**plasma bt**



- ☑ Sublimation(Ablation)
- ☑ Non-Invasive Surgery
- ☑ Wrinkle Treatment
- ☑ Time Saving
- ☑ Transdermal Drug Delivery
- ☑ Sterilization
- ☑ Toning Effect
- ☑ Skin Regeneration



# Plasma Skin Rejuvenation

Advanced Plasma Skin Care solutions

## What is **Plasma**?

More than 99% of the visible matter in the universe is in the Plasma state.

Ionization of the air containing electric energy.

Refer to as the Fourth state of matter.



Patented  
Plasma Technologies

MY FACE & MY BODY  
AWARDS

MY FACE MY BODY AWARDS  
Winner (UK)



Sold in Over  
40 Countries



No.1 Supplier Worldwide  
for Cold Plasma



20 Years of  
Development  
Experience



2018  
Korea Engineer Award  
on Plasma BT



Seoulin Bio Science  
Affiliated Company



# Plasma Surgical



Sublimation(Ablation)



Non-Invasive Surgery



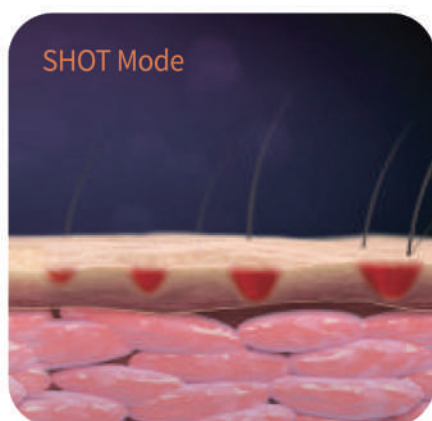
Wrinkle Treatment



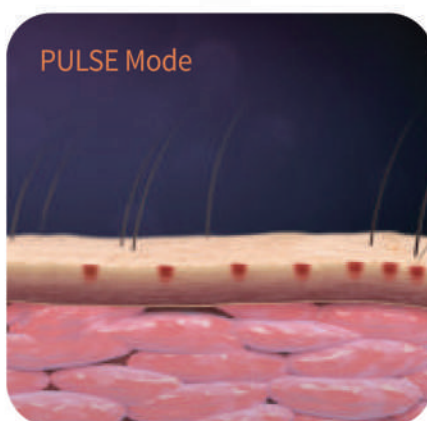
Time Saving

## Extremely Precise and Delicate Plasma Injection

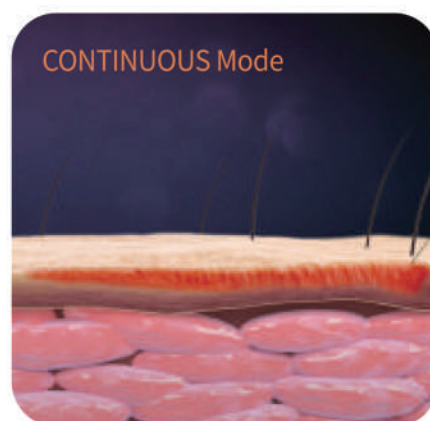
With precise and delicate energy injection, PIH is significantly low and controllable compared to existing devices.



SHOT Mode

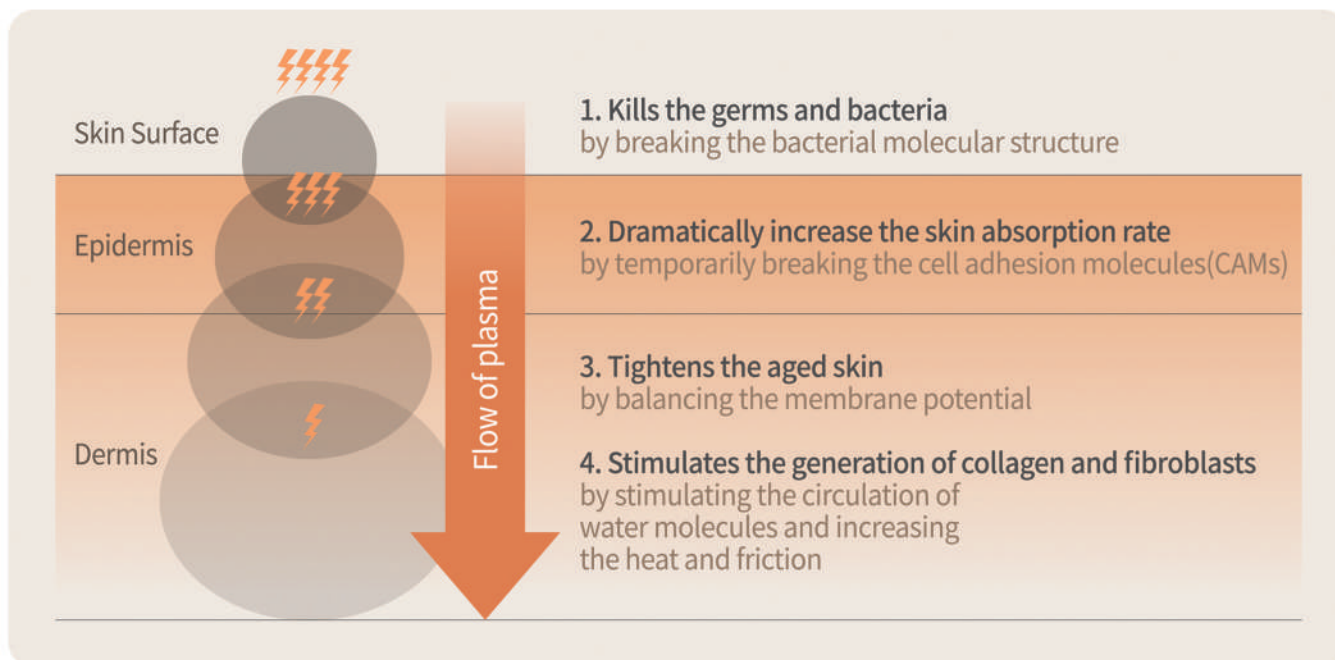


PULSE Mode



CONTINUOUS Mode

## The effect of plasma on human skin



# Plasma Poration



TDDS



Toning Effect



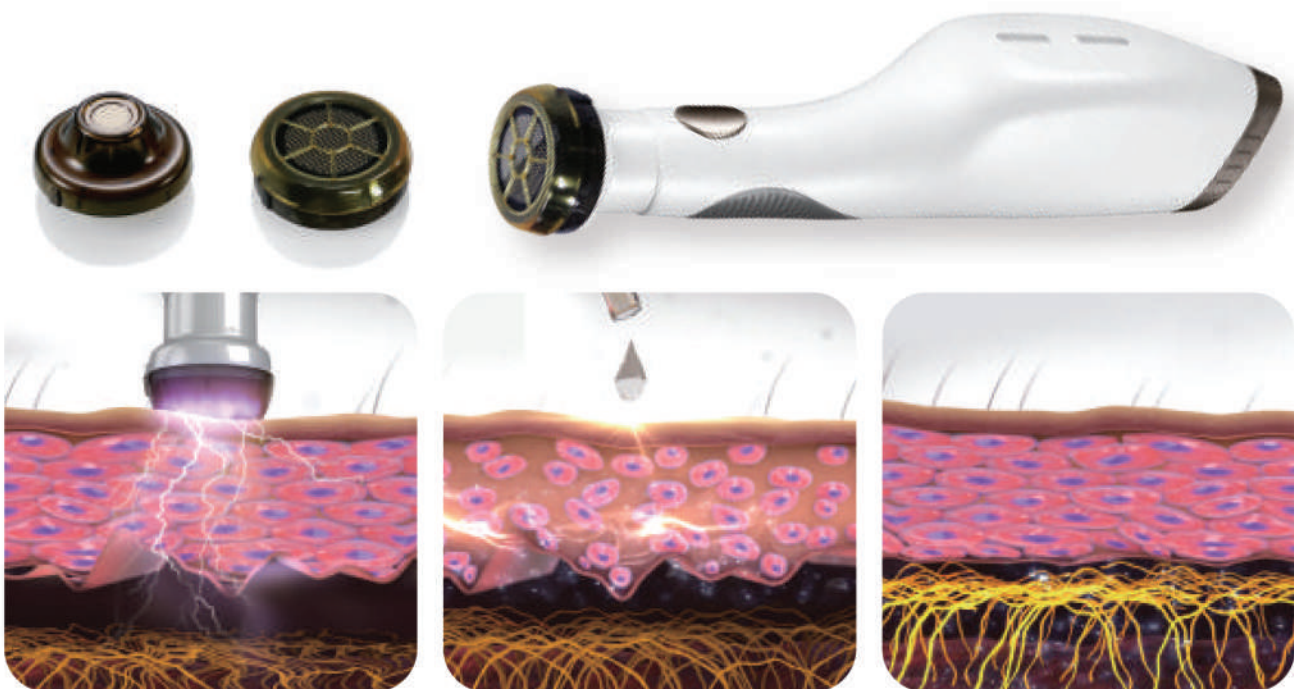
Sterilization



Skin Regeneration

## The most effective non-invasive treatment for skin troubles.

The patented Plasma Poration (Low-temperature Atmospheric Pressure Plasma) allows Skin absorption, sterilization, regeneration (elasticity) and toning.



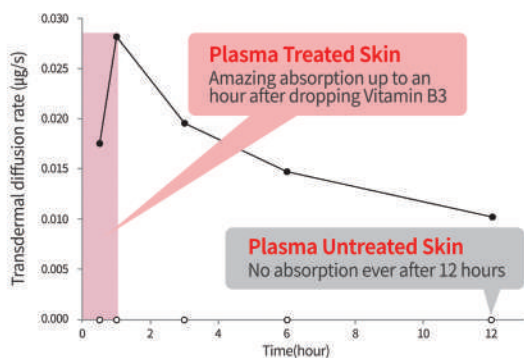
## Clinical Data





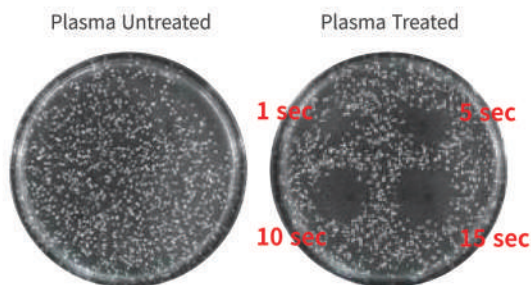
## TDDS(Transdermal Drug Delivery System)

Skin absorption test by Korea Institute for Skin and Clinical Sciences



## Sterilization

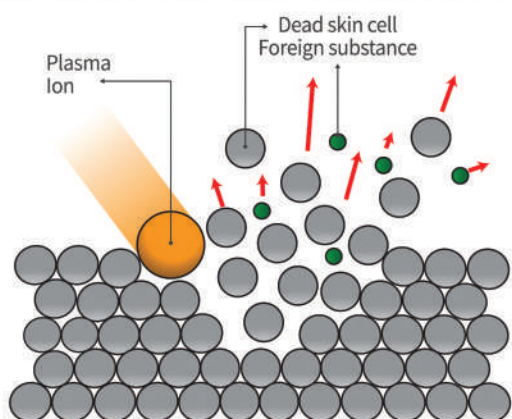
P.Acnes removal experiment using plasma



treating plasma with 1 sec, 5 sec, 10 sec, 15 sec, significantly showed the sterilization effect compared to plasma untreated group

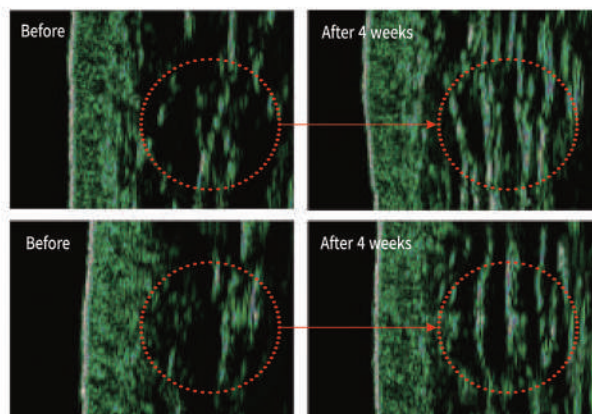
## Toning Effect

Toning by powerful sputtering of plasma ion



## Skin Regeneration

Epidermis thickness difference after Plasma Poration



## Specification

| Medical Device Name                 | Electric Surgical DeviceA35000(3)          |
|-------------------------------------|--|
| Model Name                          | SLM-9010E                                  |
| Storage Method                      | Temperature(-10°C~40°C), moisture(20%~80%) |
| Rated Power and Frequency           | AC 100~240V, 50/60Hz                       |
| Power Consumption                   | 50VA                                       |
| Electric Protection Type and Degree | 1st class device BF type mounting part     |
| Size and Weight                     | 316(W) x 316(D) x 280(H) mm/10kg           |



# Plasma Surgical

Delicate and precise surgical handpiece does not affect the skin cell tissue but only sublimates the skin surface and contract the skin by creating small lattice shapes around the eyelid. It can be effectively used in variety of skin problems such as acne, scar, facial skin treatment, upper and lower eyelid aesthetic surgery and eyelid lifting.



## Sublimation (Ablation)

Effective on acne, scar treatment by causing sublimation on the skin surface while not affecting the cells



## Breaking the Molecular Bonds

Strong sterilization by breaking the molecular structure of bacteria



## Replacing the Existing Ions in Tissue

Increase the skin elasticity by balancing the ions in cell tissue



## Neo-Collagenesis, Elastogen

Powerful anti-aging and preventing skin aging by stimulating the generation of collagen and fibroblasts

# Plasma Poration



Plasma Poration Handpiece removes the bacteria and helps absorb essential drug to the skin tissue. A strong low-temperature atmospheric plasma on the surface of the skin sterilize the skin and the ionized radicals stimulates the skin treatment process such as skin regeneration, anti-bacteria, TDDS (Transdermal Drug Delivery System), skin whitening and collagen generation.



## TDDS

Inducing amazing absorption by breaking the Cell Adhesion Molecules(CAMs) that connect the skin cell



## Toning Effect

Anti-pigmentation effect through suppressing melanin pigment and strengthening the absorption of anti-pigmentation cosmetics



## Sterilization

Sterilize bacteria which cause various skin problems with powerful sterilization power



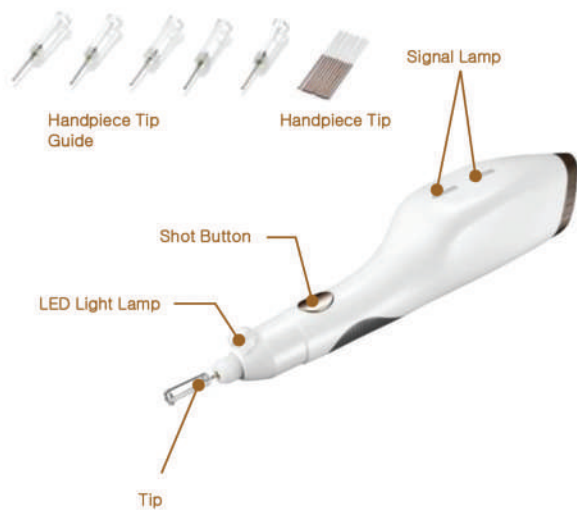
## Skin Regeneration

Preventing skin aging by stimulating generation of collagen and fibroblasts



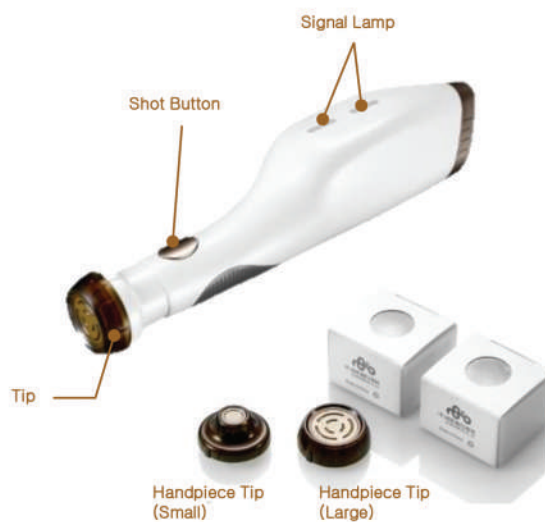
### Surgical Handpiece

Output Power 0.5 ~ 1.2W (1MOhm)



### Poration Handpiece

Output Power 0.5 ~ 2W (1MOhm)





# plasma bt™



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