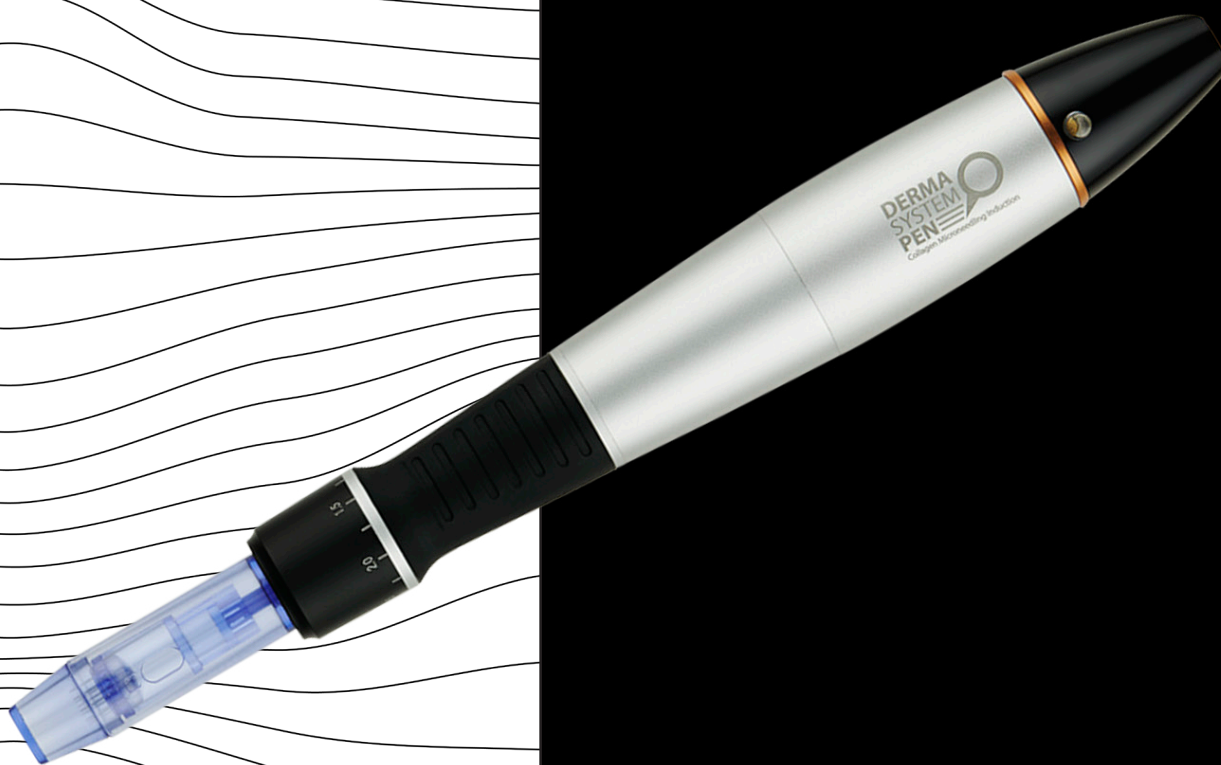


# DERMAPEN

COLLAGEN MICRONEEDLING INDUCTION



# INTRODUCING THE DERMAPEN

**The Dermapen is an automated-micro needling therapy system that vertically pierces the skin to naturally stimulate collagen and elastin with minimal epidermal damage. This enhances rejuvenation results and is far safer for the client because there is much less epidermal damage.**

The Dermapen's automatic vibrating function increases the effectiveness of treatment by increasing absorption of products, while **reducing pain and discomfort.**

The Dermapen is just as effective and can be used in combination with fractional lasers, IPL, and chemical peels.



**“...AN AUTOMATED-MICRO NEEDLING THERAPY SYSTEM THAT VERTICALLY PIERCES THE SKIN TO NATURALLY STIMULATE COLLAGEN AND ELASTIN WITH MINIMAL EPIDERMAL DAMAGE.”**



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## DERMAPEN ADVANTAGE

- \_ No cross infection- disposable needles
- \_ Speed - faster than manual applications
- \_ Shorter treatment times
- \_ Adjustable needle depth
- \_ Less pain
- \_ Lightweight hand-piece
- \_ Easy to use
- \_ Lower price of consumables
- \_ No side effects
- \_ User independent

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## APPLICATION AND EFFECT

- \_ Skin tightening, lifting and rejuvenation
- \_ Improves acne scars and wound healing
- \_ Improves wrinkles and fine lines
- \_ Minimizes pore size
- \_ Improves stretch marks
- \_ Treats and improves alopecia

# HOW DERMAPEN WORKS

**INJURY**

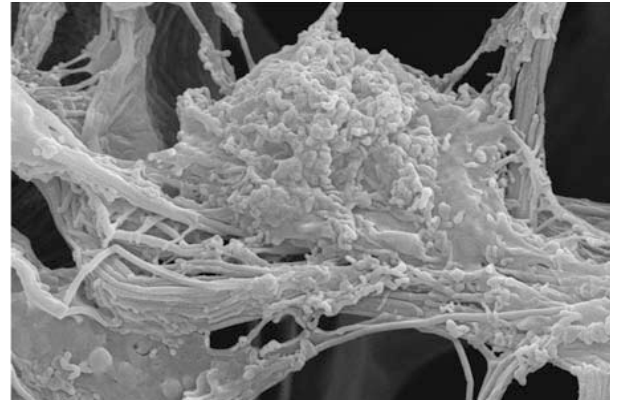
**STOPPING BLEEDING**

**INFLAMMATION**

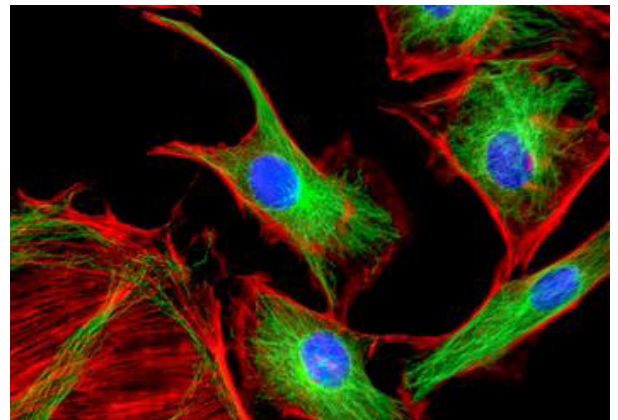
**GROWTH FACTORS EMISSION**

**FIBROBLAST CELL MULTIPLICATION**

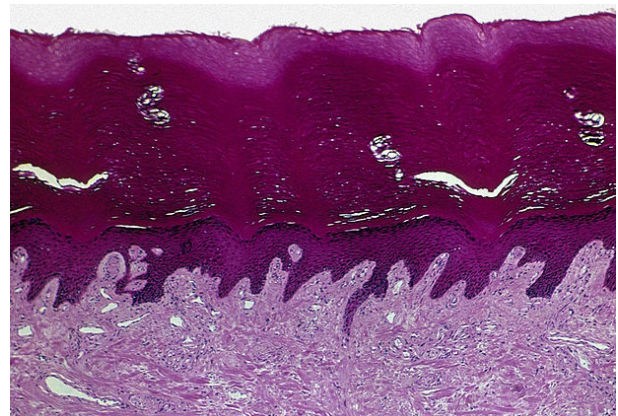
**COLLAGEN AND ELASTIN  
SYNTHESIS**



COLLAGEN INDUCTION

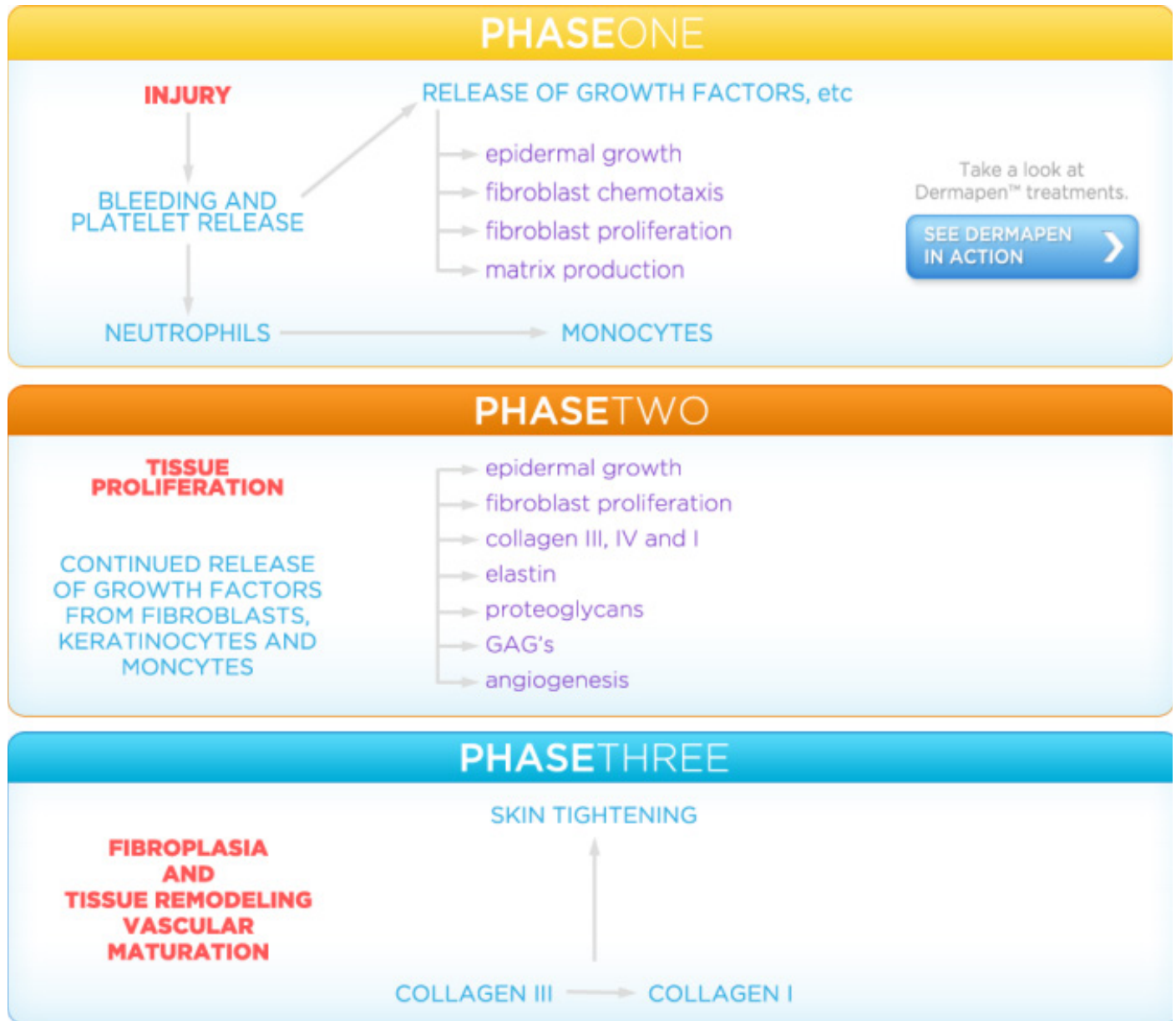


FIBROBLAST PROLIFERATION

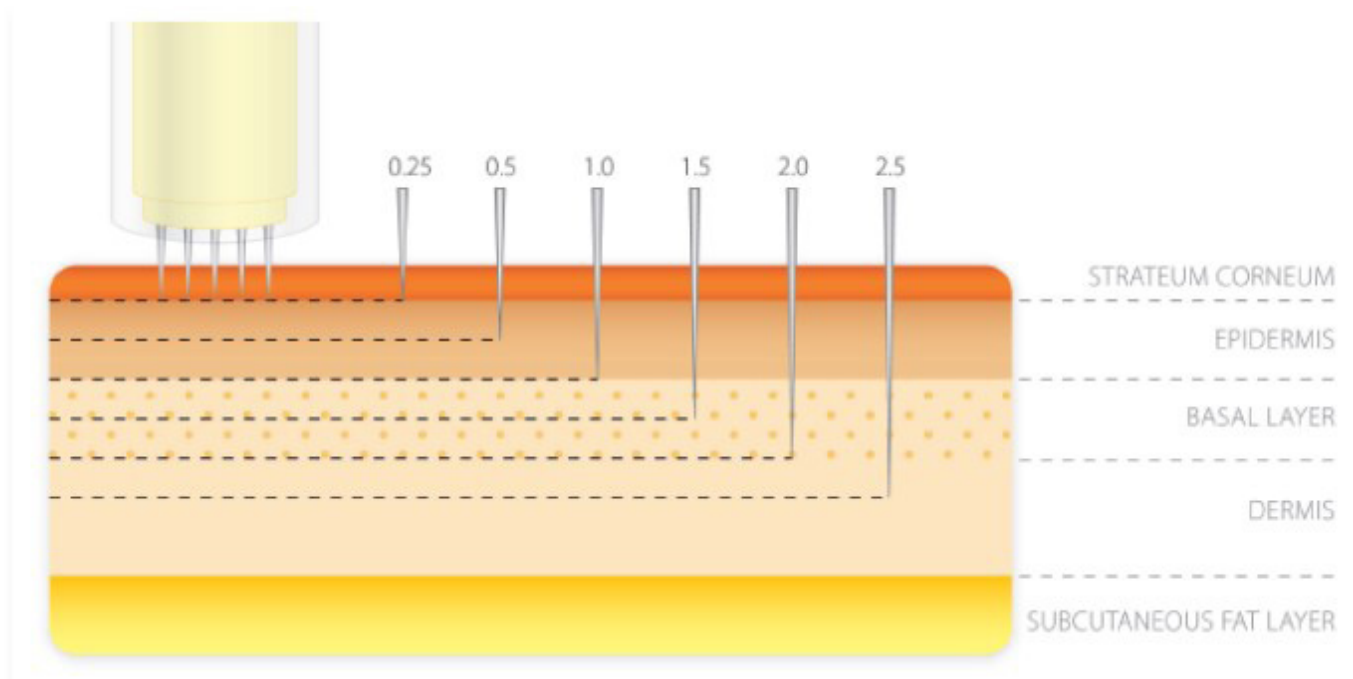


EPIDERMIS/DERMIS

# THE THREE PHASE MECHANISM OF ACTION

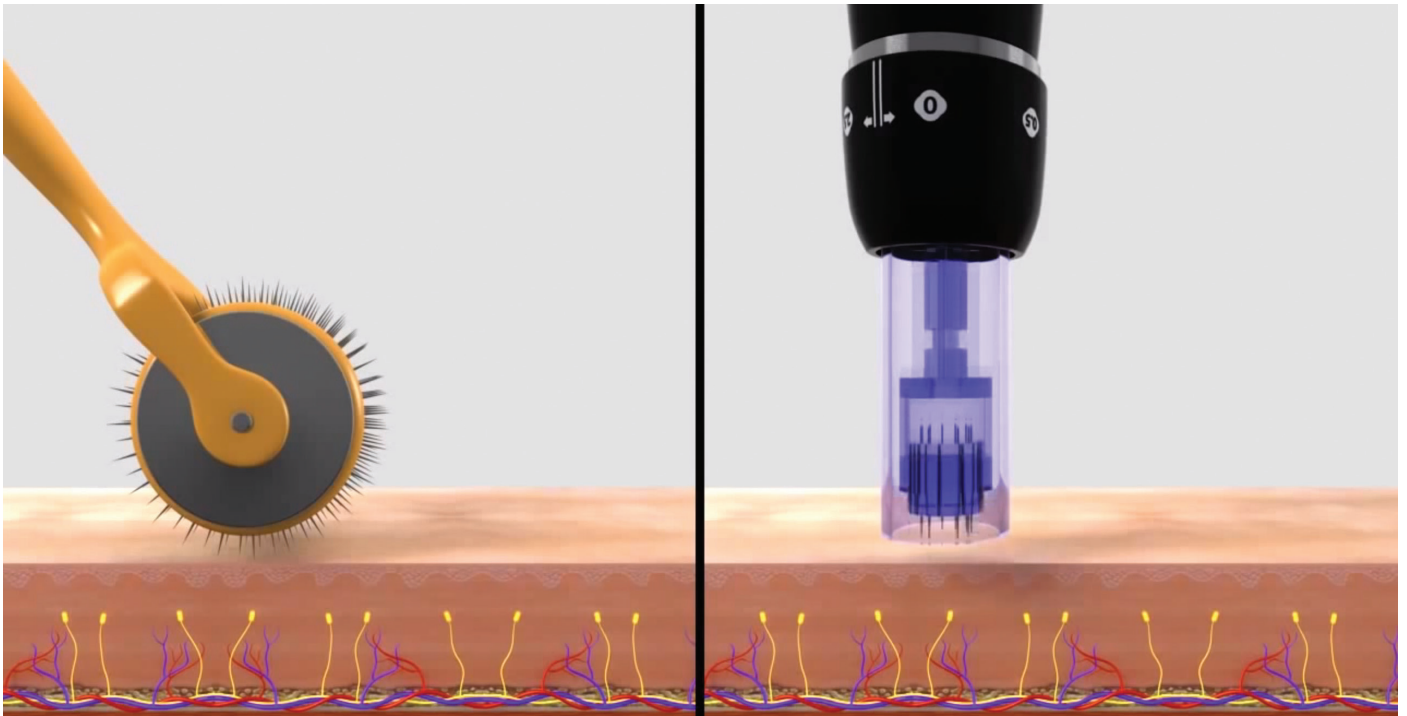


# MICRO NEEDLING DEPTH CHART



Dermapen technology allows unrivaled diversity with a disposable tip that can penetrate from .25mm to 2.5mm during the same treatment.

# ROLLING METHODS VS. DERMAPEN THERAPY



Rolling methods create unnecessary trauma, are user dependent, risk cross-infection, involve high consumable costs, are too large for small areas and display an undesirable perceived value.

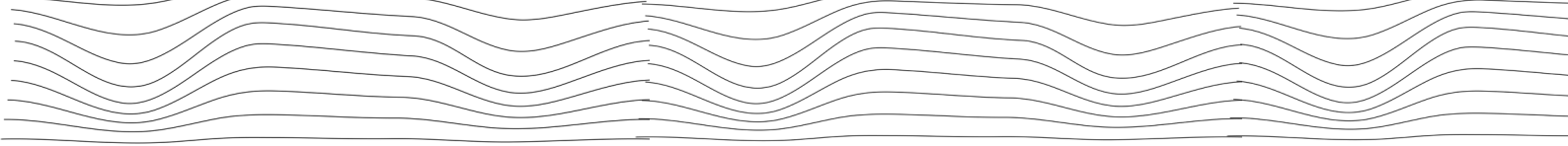
Dermapen's automated vertical stamping method uses a universal, sterilized and disposable tip providing low consumable costs. The small tip helps treat hard to reach areas, delivers unrivaled collagen induction with 7 speed variability and reduces epidermal damage to limit down-time.

# BEFORE AND AFTER



Improves acne scars and minimizes pore size

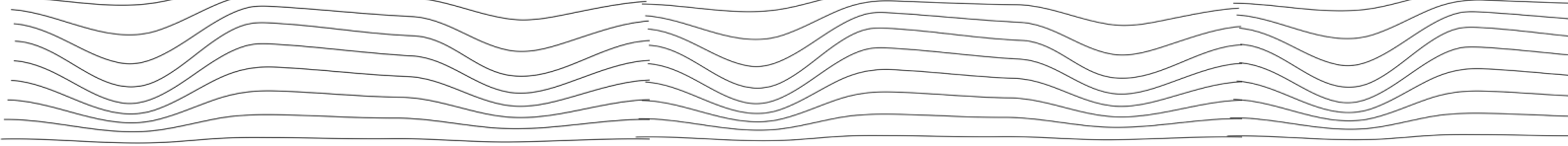




Improved skin tone



Dermapen used with other skin tightening lasers Improved aging spots, fine lines (under the eyes and mouth) and overall tightening



Scar thyroid operation

# HOW TO OPERATE



## HOW TO OPERATE

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- Plug in adapter to the hand piece
- Put sterilized needle into the top of the hand piece
- Choose needle depth  
(Adjust the depth of needle by turning the adjustment ring)
- Turn on speed level ring (Face 1~4, Body 5~6)
- Begin treatment

## ORDER OF TREATMENT

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- Clean face
- Apply numbing cream to treatment area and leave on for 30 minutes
- Remove numbing cream thoroughly
- Apply antiseptic wipe to treatment area
- Apply active product to treatment area
- Begin treatment

## SPEED

LEVEL	SPEED
Level 1	25 ~ 30 time/sec
Level 2	35 ~ 40 time/sec
Level 3	45 ~ 50 time/sec
Level 4	55 ~ 60 time/sec
Level 5	65 ~ 70 time/sec
Level 6	75 ~ 80 time/sec

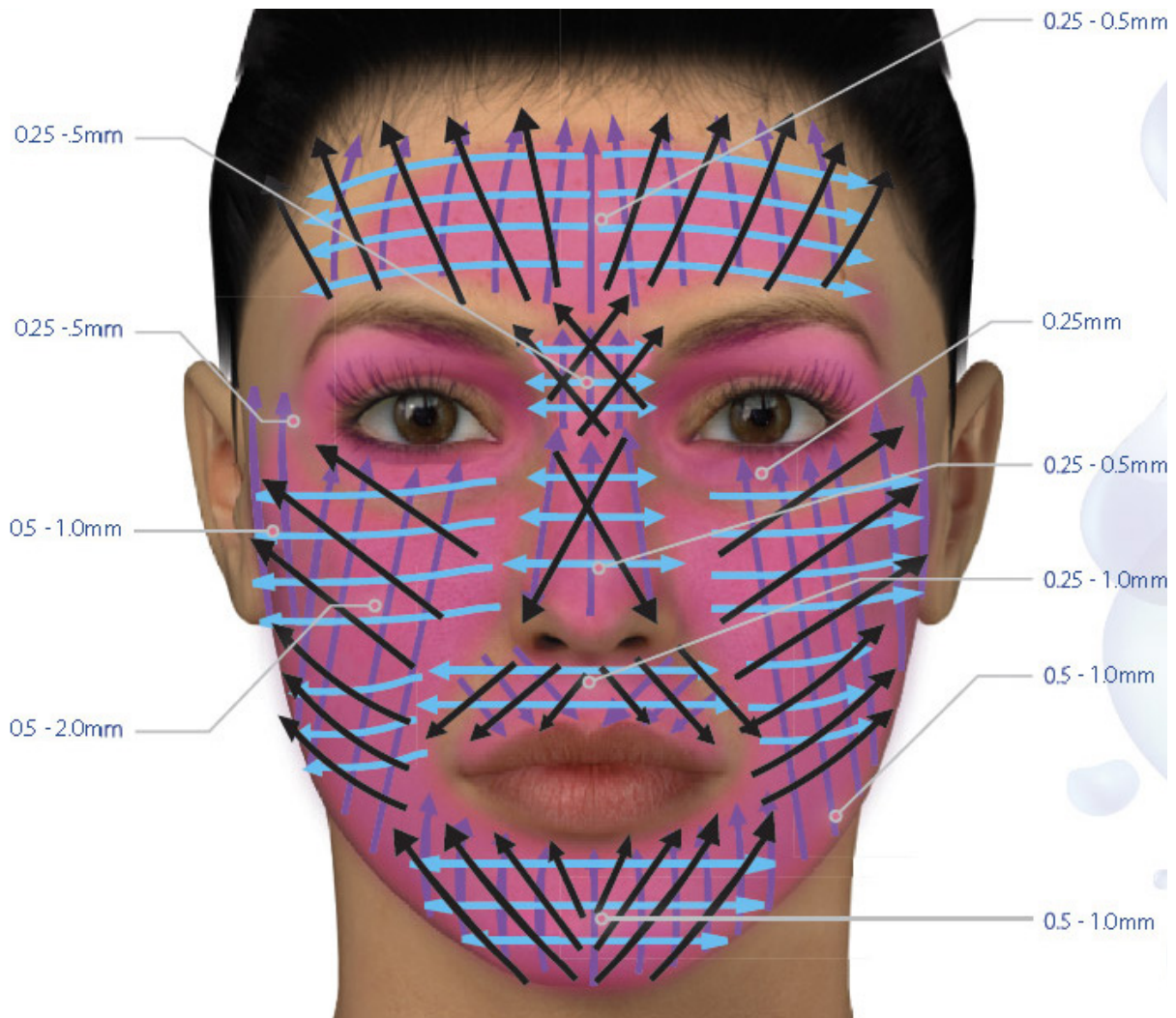
DEPTH	SPEED
under 0.5mm	1 ~ 2
0.5 - 0.75mm	2 ~ 3
0.75 - 1.25mm	3 ~ 4
1.25 - 1.5mm	4 ~ 5
1.5 - 2.5mm	5 ~ 6

## DEPTH

REGION	NEEDLE DEPTH	THIN SKIN	THICK SKIN
Forehead		0.25-0.5mm	0.5-0.75mm
Between Eyebrow		0.25-0.5mm	0.5-1.0mm
Nose		0.25mm	0.5mm
Eye Area		0.25mm	0.25mm
Cheek Bone		0.5mm	0.5-1.0mm
Cheek and Chin		0.5-1.0mm	1.0-2.0mm
Lip Area		0.25mm	0.5-1.0mm
Lips		0.25mm	0.25mm
Facial Scarring		1.0-1.25mm	1.5-2.0mm
Stretch Marks		1.0-1.5mm	1.5-3.0mm
Surgical and Burn Scars		2.0mm-2.5mm	2.0mm-3.0mm



# DIRECTIONALITY CHART



## 1ST DIRECTIONALITY (PURPLE)

Treat using the "striping technique and follow the direction bottom to top. Start at the bottom of the movement and treat with upward strokes.

## 2ND DIRECTIONALITY (BLUE)

Making constant contact, start medially and work laterally from inside toward the outer face. Pick up the tip from the face at the end of the outer face and then repeat starting from the inside to the outer face. This creates a "striping" movement which follows protocol.

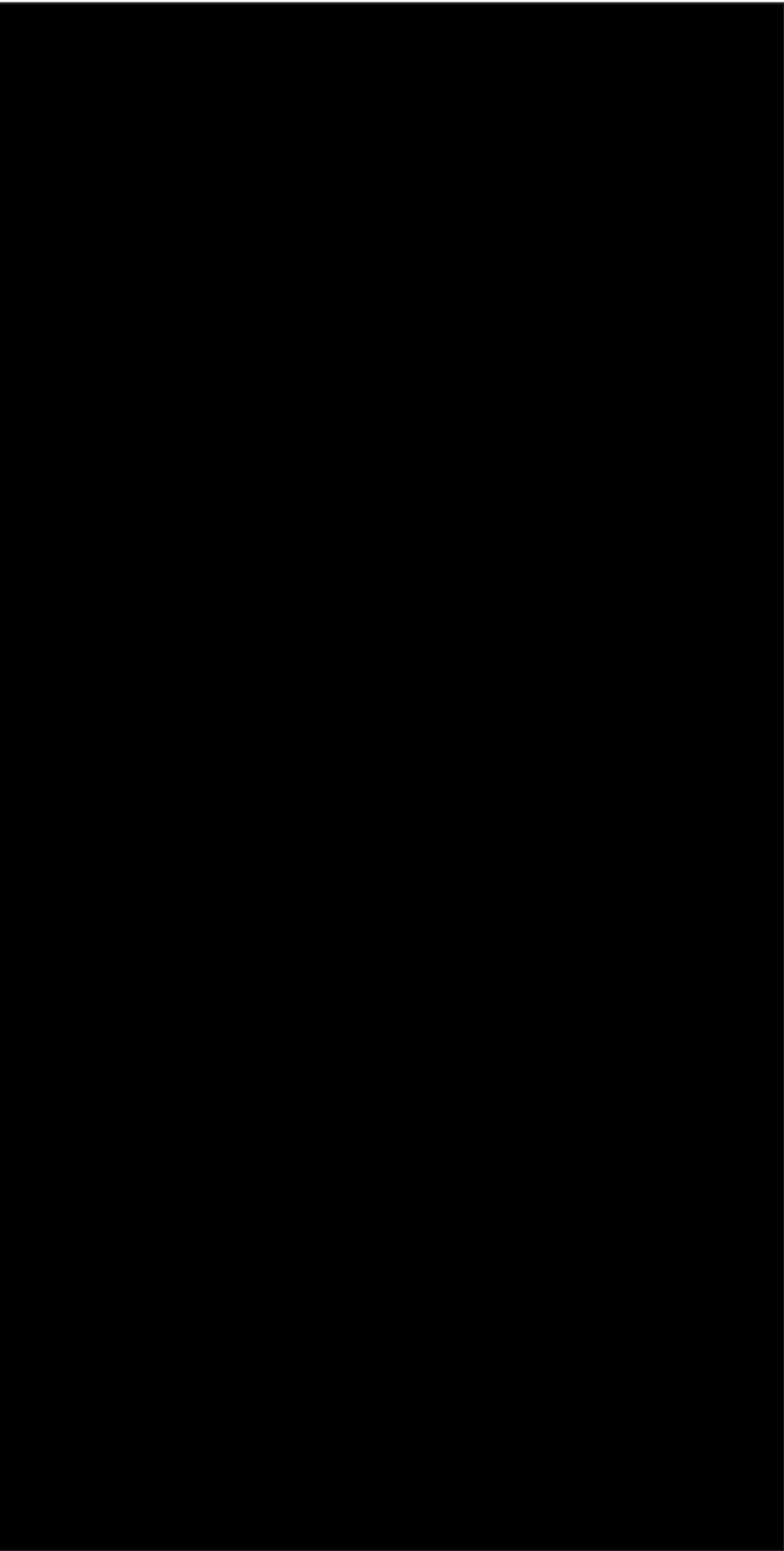
## 3RD DIRECTIONALITY (BLACK)

Outward and upward (except on the nose and upper lip).



# SPECIFICATIONS

<b>NAME</b>	<b>DERMAPEN</b>
Dimensions	157mmx30mm
Weight	56g
Power	110v-220v
Adapter	5v/1000mA, US/UK/EU
Speed	6
Adjust Range	0.25~3.0mm



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