

Raffine

Automatic Micro needle Therapy System



RAFFINE FACT SHEET

Woorhi Mecha's

Auto MTS technology (RAFFINE) is
Most advance technology yet!

Raffine is supplemental device that is ideal for non-surgical and non-ablative treatment of various skin conditionssuch as aging (wrinkles, stretching), scarring (acne, surgical), and hyperpigmentation.

Raffine is also far more advance than old fashioned MTS (Roller Type). Clinical studies have shown AutoMTS (Automatic Micro-Needle Therapy System) to be more effective than ablative treatments like laser resurfacing, dermabrasion, and chemical peel.

Raffine is also just as effective as non-ablative treatments like IPL, CO2 Laser, and Fraxel in stimulating collagen and elastin production to thicken the skin thereby erasing wrinkles and smoothing scars.

EFFECTS

- Acne scar
- Cellulite treatment
- Improving wrinkle
- Skin scar and Alopecia
- Skin tone
- Stretch mark
- Collagen induction
- Skin rejuvenation
- Skin pigmentation
- Hyperpigmentation
- Face lifting
- Skin pore

BENEFITS

FEATURES	BENEFITS
Automatic	Very easy to use, and also safe to use since the needle tips are hidden inside the guide.
Ergonomic design	Ergonomically-designed Auto-MTS can help alleviate the discomfort caused by Repetitive Strain Injury (RSI), Carpal Tunnel Syndrome (CTS)
Safe using disposable needle tips	It is safe to share the hand-piece with other patient. Be sure to change sterilized safety 9 needles every use.
Economical	You do not have to buy a new device every time (like MTS). Just replace the needle!
Less Pain	The needle tips are inserted to your skin perpendicularly. Therefore, pain is minimized.
Adjustable Needle length	The needle can be adjusted (From 0.1mm~2.0mm) in to different sizes depends on the areas or the purpose of the treatment.
Efficient & Effective	It is more efficient & effective to treat narrow areas such as nose, around eyes, or mouth, this hand-piece device allows you to treat areas in whichever angles you want to.

Improvements with RAFFINE (AUTO-MTS)



SPEED & DEPTH

Region	Thin Skin	Thick Skin
Forehead	0.2 ~ 0.5mm	0.5 ~ 0.75mm
Between Eyebrow	0.2 ~ 0.5mm	0.5 ~ 1.0mm
Nose Area	0.2 ~ 0.5mm	0.5 ~ 0.75mm
Eye Area	0.2mm	0.2 ~ 0.5mm
Cheek Bone	0.5mm	0.5 ~ 1.0mm
Cheek and Chin	0.5 ~ 1.0mm	1.0 ~ 2.0mm
Upper Lip	0.2mm	0.2 ~ 0.75mm
Facial Scarring	1.0 ~ 1.25mm	1.5 ~ 2.0mm
Stretch Mark / Scars	1.5 ~ 2.0mm	1.5 ~ 2.0mm

Depth	Speed
0.2 ~ 0.75mm	1 ~ 2
0.75 ~ 1.25mm	2 ~ 3
1.25 ~ 2.0mm	3 ~ 4

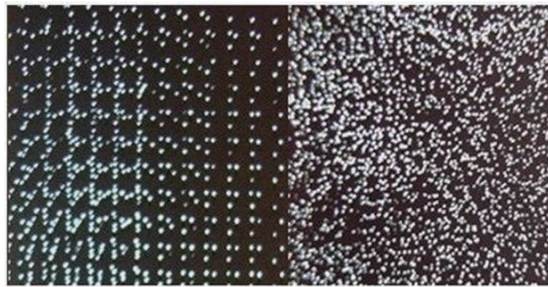
Level	Speed
1	4200rpm (65~70Times/sec)
2	4800rpm (75-80Times/sec)
3	5400rpm (85~90Time/sec)
4	6000rpm (95~100Time/sec)

MTS ROLLER VS AUTO MTS RAFFINE

	MTS Roller	Auto-MTS
Areas	Difficult to operate in small or curved areas	Easy to maneuver around all facial contours Easy on nose near eyes
Pain	Can be VERY painful, with some bleeding due to epidermal damage	Minimized epidermal damage means less pain and bleeding 90% less pain than roller
Effects	Scarring , Enlarged pores, Wrinkles, Lack of skin firmness and elasticity, Acne and chicken pox scars, Under-eye bags, Sun damage and age spots, facial whitening, prevents hair loss.	
Needle Length	Need to purchase different length roller on different parts	Adjustable from 0.1mm to 2.0mm
Application	Difficult to insert needles into scar tissue - needles can be bent	Because of vertical delivery, needles easily penetrate scar tissue without risk of bending
Sanitary	Sterilize the roller every use and after use	Using sterilized disposable needles makes it easy and clean

MTS Roller

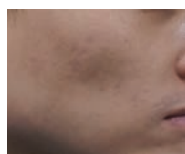
Auto-MTS



BEFORE AND AFTER



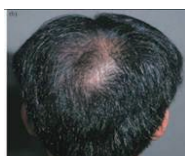
A-Before



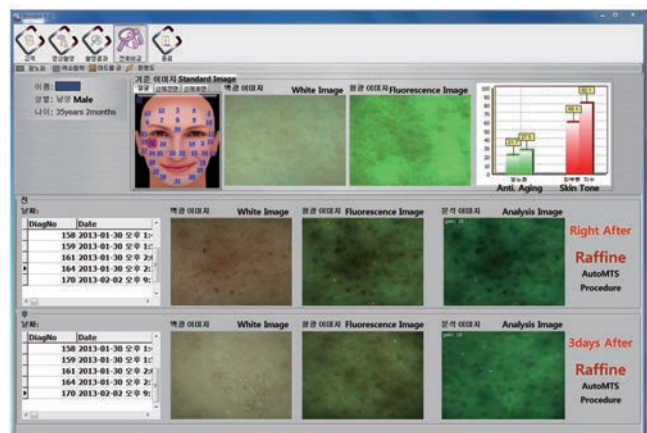
A-After



H-Before



H-After



COURTESY OF MEDIWAY & ECOSKIN

SPECIFICATION

PRODUCT	NOBLE	BELLA	RAFFINE
INPUT	AC 100~250V		
OUTPUT	DC 5V		
WEIGHT	74.3g	145.3g	78.86g
FREQUENCY	50~60HZ		
DIMENSION(WxHxD)	28x147x12mm	20X118X12mm	28X147X12mm
OPERATION MODE	AUTO MTS	AUTO MTS /PERMANENT MAKE UP	AUTO MTS /PERMANENT MAKE UP
NEEDLE DEPTH	0.2mm(FIXED)	0.1~2mm	0.1~2mm



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