



WOORHI
MECHATRONICS CO., LTD.



MICRONEEDLING
PERMANENT MAKE UP
AESTHETIC & SPA PRODUCTS
SKIN & SCALP CARE

FOR HOME, BEAUTY & MEDICAL USER



About Us

Woorhi Mechatronics Co., Ltd. is a global manufacturer of microneedling, micro-pigmentation products. Established in 2008, Woorhi Mechatronics is the pathfinder in the medical and aesthetic market.

Woorhi Mechatronics have state of the art facilities with ISO 13485, GMP Certified.

Currently, we are exporting our products to over 100 companies in 30 countries such as the United States, United Kingdom, Australia and providing customized follow-up service.



Clean Room



Assemble Line

MICRONEEDLING

- 01 RAFFINE
- 02 CODE-X
- 03 BELLA
- 04 MINIPIN
- 05 NOBLE

PERMANENT MAKE UP

- 01 DMD-S
- 02 DMD-H
- 03 DMD-T
- 04 DMD-R

COSMETICS AND ACCESSORIES

- 01 AMPOULE
- 02 SERUM
- 03 CREAM
- 04 FACIAL SHEET MASK
- 05 SCALP CARE
- 06 MICRONEEDLING ACCESSORIES



CERTIFICATE AND AWARDS

- ISO13485, 14001 and 9001
- MFDS, CE medical, CPNP and Dermatost
- Prime Minister's Commendation



ISO 13485



ISO 14001



ISO 9001



Brand K Certificate



Inno - Biz Certificate



GMP



1 MICRONEEDLING For PROFESSIONAL



01 RAFFINE

Medical Grade Microneedling Pen

- One of the few CE marked microneedling devices in the market(CE MDD 93/42/EEC)
- Plug-in system for full-power treatments and consistent output
- High quality motor that guarantees smooth skin needling even with the deepest needle depth
- 0 - 2.0mm adjustable needle depth

CE 0068



02 CODE-X

New & Innovative Wireless Microneedling Pen

- High capacity lithium ion battery(600mAh, 2.5H run time)
- Battery Management System that maintain same power regardless of remaining battery level
- Ergonomic and lightweight design
- High quality motor that guarantees smooth skin needling even with the deepest needle depth
- 0 - 2.0mm adjustable needle depth



03 BELLA

Professional Microneedling Device for Aestheticians

- Ergonomic design and chromium plating
- High quality motor that guarantees smooth skin needling even with the deepest needle depth
- 0 - 2.0mm adjustable needle depth

AUTOMATIC MICRONEEDLING TREATMENT



Microneedling Treatment simulates skin cell and induce collagen. Thousand of tiny channels are made in a short time.

Through powerful motors, no damage on the skin and just penetrate skin layer from epidermis to deeper with a cosmetic and medical solutions.

Purpose of Microneedling Treatment

Skin Care : Skin Rejuvenating, Moisturizing, Whitening

Trouble Care : Pigment, Acne Scar, Pimples

Body & Scalp Care : Cellulite Reduction, Hair-Growth

Before and After



1 AT-HOME MICRONEEDLING DEVICES

Technical data of Microneedling device

	RAFFINE	CODE-X	BELLA	MINIPIN	NOBLE
Features	Medical use	Aesthetic, Spa		Home use	
Needle Adjustment	Adjustable up to 2.0mm			0.25mm	0.2mm
Certification	KC, CE MDD	KC, CE MFDS, FDA(2023) CE MDR(2024)	KC, CE		
Speed(RMP) (Rotating per Minute)	4500 – 6500	3500-5500	5000-6500	3500	4500-6500
Weight	80g	65g	127g	60g	76g
Wire/Wireless	Wire	Wireless	Wire	Wireless	Wire
Hand-piece Size(cm)	15.5			6	15.5
Power Input	5VDC			3.7VDC	5VDC

Guideline for Microneedling

	Treatment Area	Recommendation	Duration	Length
Basic Care	Moisturizing	3 times or more	Every 1 weeks	0.2-0.6mm
	Whitening	3 times or more	Every 1 weeks	0.2-0.6mm
	Wrinkles	5 times or more	Every 1 weeks	0.2-1.2mm
	Dark Circles	5 times or more	Every 1 weeks	0.2-0.6mm
	Skin Rejuvenating	5 times or more	Every 2 weeks	0.2-1.5mm
Intensive care	Alopecia	10 times or more	Every 1 weeks	0.2-1.0mm
	Hyperpigmentation	10 times or more	Every 1 weeks	1.5-2.0mm
	Stretch Mark	10 times or more	Every 2 weeks	1.5-2.0mm
	Cellulite Reduction	10 times or more	Every 2 weeks	1.5-2.0mm
	Scars	10 times or more	Every 2 weeks	1.5-2.0mm



04 MINIPIN

Innovative All-In-One microneedling device

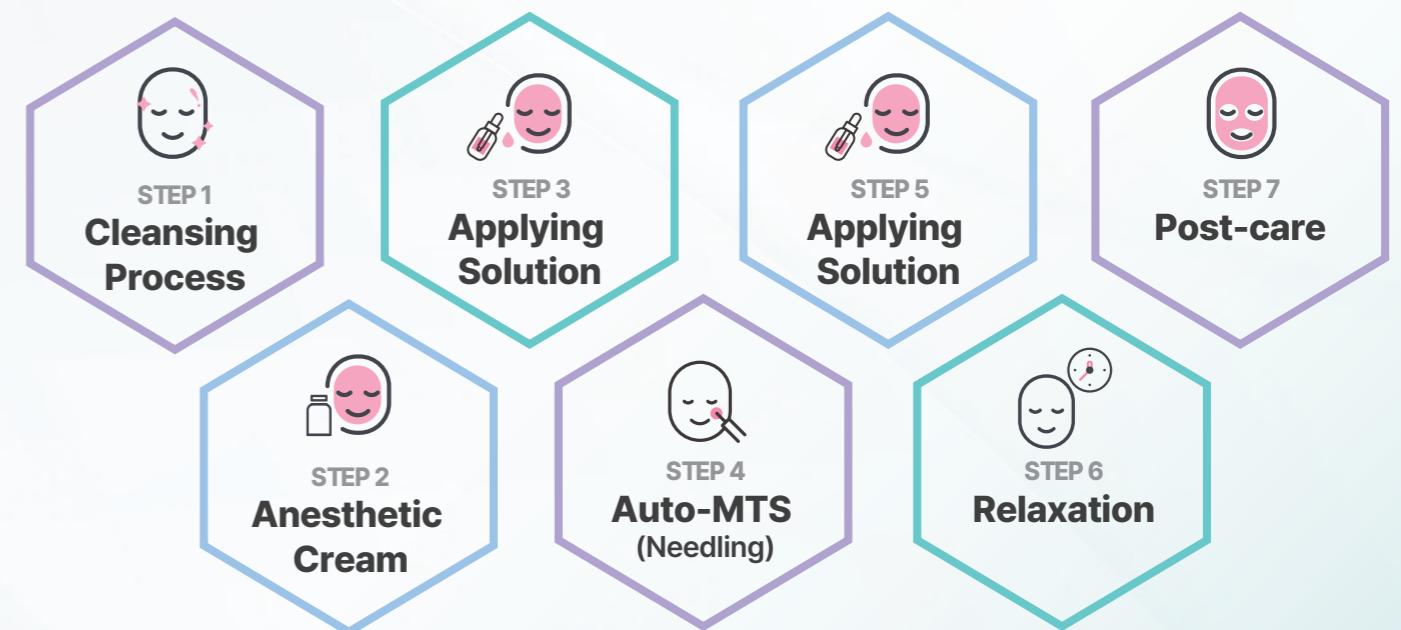
- All-in-one design needle cartridges that maximizes user convenience
- 12pin microneedles(fixed at 0.25mm)
- Cosmetic delivery system approved by clinical results.
- Patented new operating system using solenoid electromagnet



05 NOBLE

High quality at-home

- Fixed needle depth at 0.2mm



2 PMU

01 DMD-S

Standard type for beginner

- Handy & portable to use
- 3 steps of speed
- on/off button type to easy control



02 DMD-H

Handpiece type with dual functions

- 5 steps of speed
- On/off button type to easy control
- Available for Micropigmentation, Microneedling



03 DMD-T

Triple functions & 2.5mm needle length

- Micropigmentation
- Microneedling
- Tatto



04 DMD-R

Smart memory function & friendly user interface

- Full touch screen operation
- Available upto 2.5mm needle depth & 13 steps speed
- Medical Use



NO DAMAGE



PAINLESS



NO TEARING

What is DMD (Digital Micropigmentation Device)?

Digital Micropigmentation Device makes the hole and leave the pigments(ink) into the skin layer. The pigments(color) will be stayed at least 6 to 36months. The period is flexible following the skin condition of customers.

As a digital type of the device, it can control the speed, power, and needle depth during the treatment. DMD have dual function of Microneedling and Permanent make up device.

Special Technology of Device

DMD has the special technology called PID control.

PID(Proportional integral derivative control) can adjust and stay the movement of motor. It is the ideally products for the permanent make up, because that if the motor cannot control by program, the speed and power of needles is uneven and then the color is not stable too. Also we developed the different type of setting part of the needles, and it could be made the treatment without any problem as like pop-out or dragging on the skin.

Before and After

Eyebrow



BEFORE

AFTER

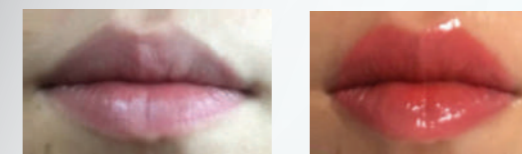
Eyeline



BEFORE

AFTER

Lip



BEFORE

AFTER
















2 PMU

Technical data of Microneedling device

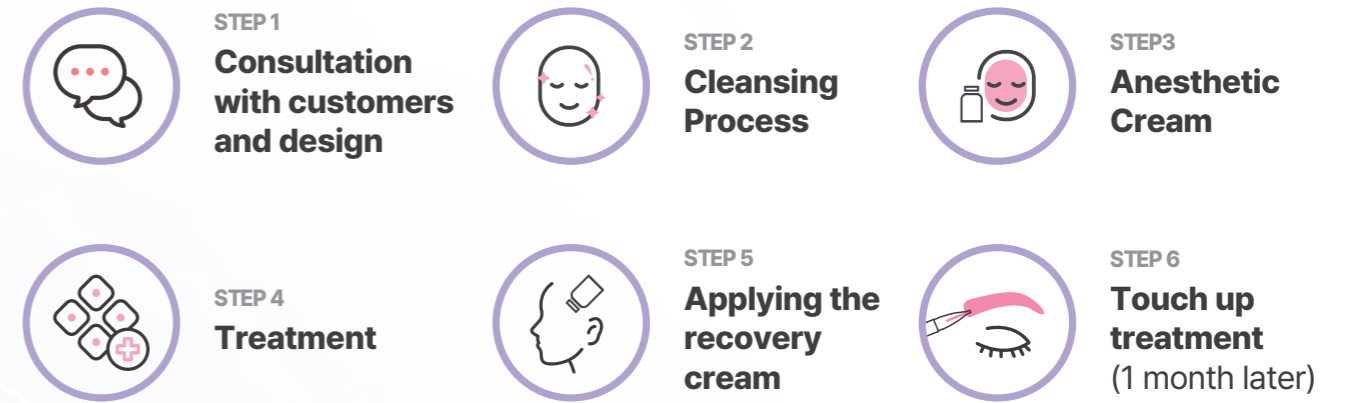
	DMD-S	DMD-H	DMD-T	DMD-R
Features	Beginner	Beginner Professional	Professional Tatto treatment	
Needle Adjustment	Adjustable up to 2.0mm		Adjustable up to 2.5mm	
Certification	CE, MFDS		CE	CE, MFDS
Speed(RMP) (Rotating per Minute)	4500 - 6000	4000-6400	4000-6500	3000 - 6500
Weight(Pen)	66g	64g	72g	82g
Hand-piece Size(cm)	13.5			14
Power Input	6VDC		24VDC	6VDC
Specialized	Handy, 3steps speed	Smart Program, Handy	2 pcs Handpiece Smart Program	Smart Program, Memory of Setting

Guideline for Permanent make up

TYPE OF DISPOSABLE TIPS

ROUND	WTNR-01	WTNR-01NN	WTNR-01EN	WTNR-03	WTNR-03EN	WTNR-05
						
	Eyeliner, Eyebrow	Feathering Brow, Fine hair/ Eyeliner	No-pain treatment Eyebrow	Lip liner, Eyeliner	No-pain treatment Lip	Lip, Eyeliner
FLAT / MAGNUM	WTNR-04F	WTNR-04S	WTNR-06F	WTNR-06A	WTNR-09M	
						
	Shadowing Brows, Hairline, Lip-coloring	EmboBrows, Hairline, Lip	Shadowing Brows, Hairline, Lip, Areola, Tattoo	EmboBrows, Hairline, Lip	Lip, Areola, Tattoo	
SPECIAL	WTNR-07	WTNR-22A	WTNR-09(2.0)	MASSAGE		
						
	EmboBrows, Hairline, Lip	Tattoo, Lip and Areola	Microneedling	Skin Massage		

Protocols for Permanent make up



PIGMENTS LINE UP

Organic and Long Lasting Color

Got safety test for all colors and ingredients.
11 basic colors and other special colors are available for customer's request.
Packed in 5ml capacity, it can be used hygienically without worrying about contamination after opening.



Don't need to mix the color and with only one color is showed well-colored what you want.
From beginner to professionals, AWY Pigments provide the satisfied result!

AWY PIGMENT COLOR CHART

Hairline Black 5ml



Light Brown 5ml



Hot Pink 5ml



Eyeline Black 5ml



Dark Brown 5ml



Pink 5ml



Flesh Tint 5ml



Khaki Brown 5ml



Red 5ml



Dark Black Brown 5ml



Orange 5ml



3 COSMETICS



3ml x 5Bottles

01

MICRONEEDLING AMPOULE

[RealTox Anti-Wrinkle Ampoule] skin booster, wrinkle care, skin pore

The main ingredient is **'Real Tox'**, a patented ingredient extracted from plants, which has the effect of improving skin elasticity and wrinkles. Niacinamide, Protease and Bifida Ferment Lysate is included for anti-oxidant.

*Clinical report for skin-pore care

USE FOR

- Systematic management with Microneedling treatment
- Moisturizing
- Whitening
- Anti-wrinkle and Anti-aging
- Skin-elasticity
- Rejuvenating and Skin-texture care

02

MICRONEEDLING AMPOULE

[Super Hyalu Energy]

moisturizing and rejuvenating

Glyceryl Glucoside opens the moisture path in the skin. **Pink Flower Biome** fermented with a special method has anti-inflammatory, anti-oxidant and anti-wrinkle properties.

Lactobacillus, exists more in healthy skin in their 20s, improves skin cell regeneration, wrinkle improvement.

*Certificate: CPNP, Dermatest

USE FOR

- Systematic management with Microneedling treatment
- Moisturizing
- Rejuvenating
- Anti-wrinkle and Anti-aging
- Skin-elasticity
- Skin-texture care



3ml x 5Bottles



03

PRE/POST CARE AND DAILY SERUM

[Collagen Lifting Facial Serum]

skin-lifting, rejuvenating and anti-aging

The **collagen water**, which is 80.5% of the total contents, replaced purified water and collagen invigorates dry and thin skin and protect the skin layer. **13 kinds of peptides** are added to maintain young and strengthen skin regenerative power. In addition, **9 plant stem cells** prevent skin aging and make the skin surface healthy with Centella Asiatica Extract that increases absorption rate by exosomes.

*Certificate: CPNP, Dermatest

USE FOR

- Elasticity and rejuvenating
- Moisturizing
- Anti-wrinkle and Anti-aging
- Skin-texture care



30ml



30ml

04

PRE/POST CARE AND DAILY SERUM

[Vitamin Tree Brightening Serum] brightening, dark spot care and wrinkle care

Contains 78.9% of **vitamin tree extract** with strong antioxidant function, replacing purified water to help skin regeneration, anti-aging, and wrinkle relief. In addition, **triple brightening liposome** contains niacinamide and arbutin and cabbage fermented water containing a large amount of Lactobacillus lactic acid bacteria, vitamins, and various nutrients.

*Certificate: CPNP, Dermatest

USE FOR

- Brightening and Skin-tone care
- Pigmentation removal
- Moisturizing
- Anti-wrinkle and Anti-aging
- Skin-elasticity
- Skin-texture care

3 COSMETICS



05 POST CARE AND DAILY CREAM [CICA Water Derma Cream]

Skin calming, Moisturizing

Cica Biome, which is effective in suppressing skin inflammation and recovering skin wounds.
Ceramide complex reconstructs damaged skin barriers.
Panthenol maintains skin moisture and beneficial bacteria such as Bifida fermentation filtration.

*Certificate: CPNP, Dermatest

USE FOR

- Soothe the skin
- Dry skin care
- Moisturizing
- Wounds care

06 POST CARE AND DAILY MASK SHEETS [CELLUVEN FACIAL MASK]

Skin cooling, Soothing effects

A mask sheet coated with **bio-cellulose** that improves adhesion to skin and delivery system of active ingredients. Compared to Non-woven mask sheet, Celluven minimizes skin irritation and prevention of moisture evaporation.

*Certificate: OTC

USE FOR

- Soothe the skin
- Moisturizing
- Sensitive skin care with safety ingredients



07 SCALP CARE SOLUTION [Cytokines-8] POWDER GROWTH FACTOR

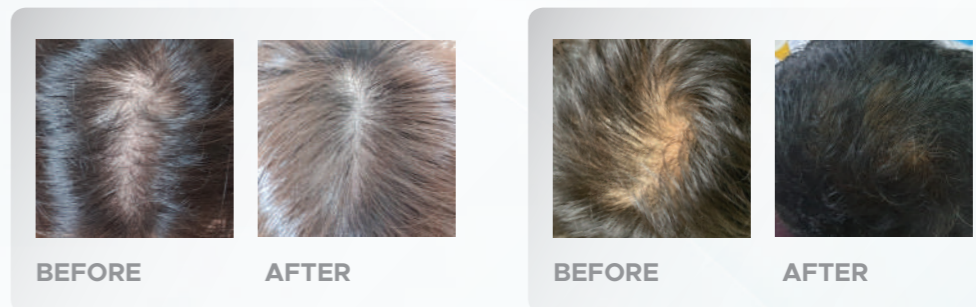
The main ingredient is 8 various cytokines for helping the hair growth and strengthening the hair roots. (KGF, FGF9, IGF-1, VEGF, Bfgf, Noggin, SOD and ATP) It is effective for male pattern hair loss due to aging, stress, and heredity, and the deeper it is absorbed into the scalp, the better the hair loss management effect.



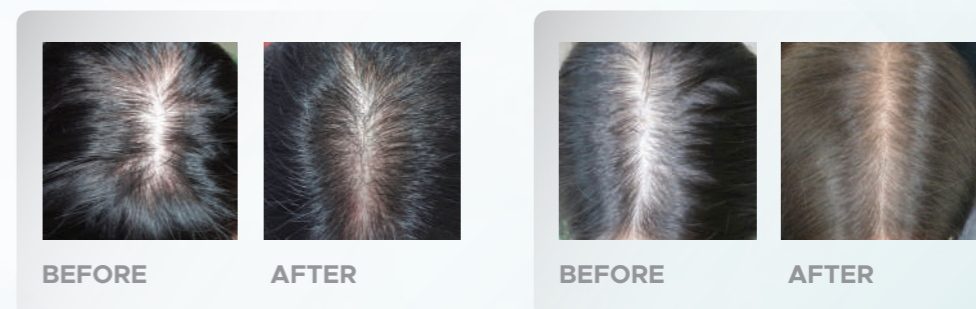
A tonic and spray that soothes sensitive scalp and relieves hair loss symptoms. Containing 22 natural ingredients, it improves the scalp to a healthy condition and provides a refreshing feeling the moment you apply it. Contains L-menthol, salicylic acid, and dexpentanol that are effective for hair loss management.

Before and After

MALE



FEMALE



4 AESTHETIC, SPA CARE



01 SCALP DAILY CARE SYSTEM

Cooling and Soothing for Scalp care

This product helps soothing the scalp area. Heat-irritated scalp is known to cause hair loss. It is a product that immediately lowers the heat of the irritated scalp and keeps it cool.

Specification data sheet	
Recommended user	Personal / Clinical use
Use time	10mins
Electric type	Battery and requested charging
Weight	500g



03 SKIN COOLING STICK

Cooling and Soothing for skin and body care

AWY Skin Cooling Stick is used to soothe the skin. After MTS or skin care, use COOLING STICK on your face for about 10 minutes to relieve swelling or heat. If placed in the freezer for 20 minutes before use, it will remain cold for up to 15 minutes after removal.



Specification data sheet	
Storage	freezer about 20mins before use
Material	Aluminum(no heavy metals)
Size/Weight	55mm x 95mm / 75g
Semi-permanent use	



02 PROTECTIVE SLEEVE

Safety sleeve/sheath for microneedling pen

This protective sleeve is designed for microneedling pens and PMU machines. It covers the entire pen and disposable tip in order to form a protective barrier against cross-contamination (no contact with blood and other fluids during the treatment)



Specification data sheet	
Package	200pcs in one box
Single use only	



04 PORE CLEANSING FACIAL SPONGE

Daily facial cleanser with organic konjac sponge

Made from 100% natural konjac, this product is gentle on the skin and can be used daily. It does not contain any chemical additives, so it can be used even for sensitive skin. It can be used in a variety of ways depending on the purpose of use and skin condition as it is made of soft, rough and both sides. (Normal cotton/Walnut side)

Specification data sheet	
Wet thoroughly with lukewarm water before use.	
Material	100% natural organic konjac
Size/Weight	8cm x 10cm
Recommend	Replace every 2months





Global Company
Woorhi Mechatronics Co., Ltd.



Contact



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VISION & PHILIOSOPHY

- Qualified Products and After-sales Service
- Respectful mind for Customers
- Technology Development
- Contribution to Society
- Business Ethics

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Domestic Brand Website

Company Introduction Video

Instagram





WOORHI
MECHATRONICS CO., LTD.

HEALTHY & BEAUTIFUL LIFE

[사내교육용]

