

SPECIFICATIONS

Laser Type	ULTRA PULSE CO2 LASER
Power	20W, 30W
Pulse energy	3mJ ~ 300mJ
Ultra Pulse	50 ~ 990 [μ s]
Fractional	3 ~ 300 [mJ]
CW	Laser Spot Size : 0.3mm ~ 0.7mm 1 ~ 20 [W], 1 ~ 30 [W]
Lesion Depth	All Type 1,500 [μ m]
Spot Density	0.1 ~2.0 [mm]
Scan Area Size	3 X 3 ~ 20 X 20 [mm] (Adjustable)
Scan Area Shape	Square, Circle
Guide Type	Normal (5mm, 20mm)
Control Panel	Touch Screen (8 inches)
Aiming Beam	Diode Laser Beam 650mm (Light Adjustable)
Electrical	200 ~ 240 [VAC], 50/60 [Hz]
Weight	65 [kg]
Dimension	450 X 510 X 1,150 [mm](W X D X H)

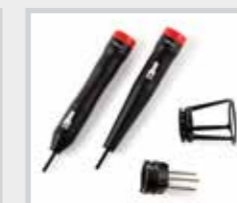
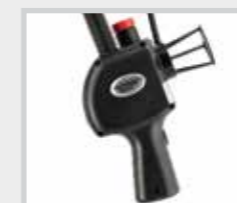
PENTAGON

Ultra Pulse CO2 Fractional laser

- Skin tone
- Large pore
- Various scars
- Deep wrinkle
- Skin rejuvenation
- Laser scaling
- General surgery
- Dermatology
- Plastic surgery
- Proctology
- Gynecology
- ENT



Various kinds of
handpiece & probes



PENTAGON

Ultra Pulse CO2 Fractional laser

What is PENTAGON GRAND?

PENTAGON GRAND, the CO2 fractional laser by scanner type, makes the beam divide into micro-sized units and leaves normal tissues among the beams to reduce direct skin damages to shorten the down time and to allow the skin to be cured faster.

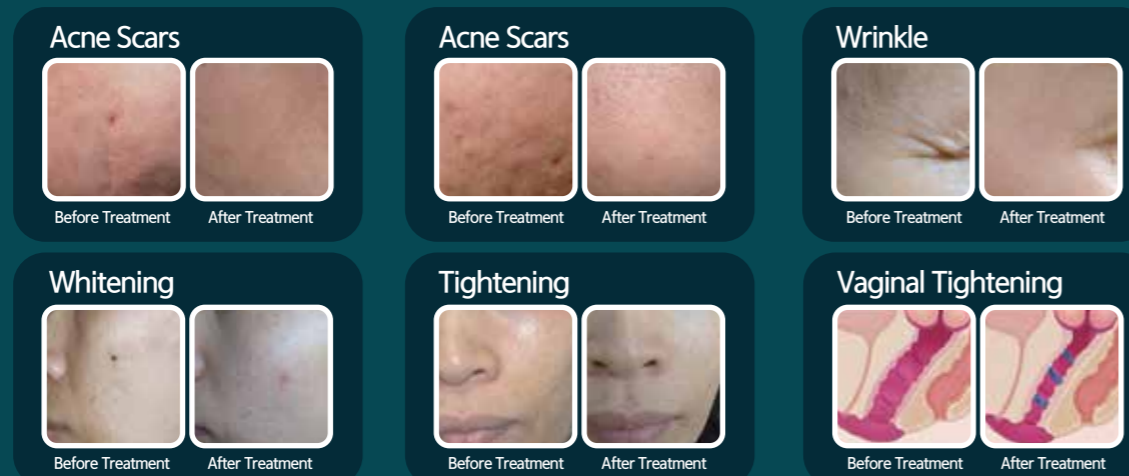
PENTAGON GRAND is very much effective to improve pores, scars, deep wrinkles and rejuvenation like laser scaling.

By inducing healing response of the dermis, fibroblasts are stimulated, producing substances like collagen. thus it aims the improvement of the aging process by relieving and curing scars, reforming pores and reducing wrinkles.

PENTAGON GRAND takes advantage of the use of the traditionally continuous wave controlled method. Thus, with an Ultra Pulse control method, there is less pain and almost no downtime with quick recovery through a safe and elaborate power output.

Indications

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The strength of PENTAGON GRAND

- Application of Coherent RF Metal Tube
 - Comparing to existing general CO2, the output power is stable and durability is semi-permanent.
 - Coherent Tube / Made in USA
- Friendly Graphic User Interface
 - Easily maneuverable, user friendly graphic interface



KEY FEATURES	
Laser Category	CO2 Fractional + Surgical Laser System
Laser Source	CO2
Wavelength	10,600nm
Indications	Acne Scars, Various Scars, Skin Texture, Large Pores, Rejuvenation, Skin Tone, Wrinkles
Advantages	<ul style="list-style-type: none"> • High Peak Power • Fine Beam Quality (Spot size 70~200μm) • Powerful and rapid Scanner • Less Pain • Additional CW, Ultra Pulse, Pulse Wave Mode • Various Scan Shapes



C/W MODE

It is normally used in incision for more accurate operation surgery



ULTRA PULSE MODE

The laser beam of 1,000W high peak power is divided into very short pulse length and time in this mode, thus the laser beam can be applied to the area of treatment in an accurate array. This mode is suitable for the treatment like spots, freckles, warts, dark spots, corn.



FRACTIONAL MODE

This mode is an ultra fractional laser system being used in the treatment for skin rejuvenation, pigmentation, scars, wrinkles, pores, skin resurfacing and so on.



LVR MODE

Laser Vaginal Tightening Treatment. By shooting laser on vaginal wall, stimulate natural wound healing process.