



G2I

CarbonX CO2 Laser

Super Pulse Co2 Plus with Multi Mode

Deep Resurfacing & Rejuvenation Laser

Fractional Mode | Ultra Mode | CW Mode



Principle

The CO2 laser beam delivers precise thermal energy, rapidly heating and vaporizing the targeted skin tissue, effectively removing the superficial layers.

Each fractional micro-spot creates a controlled thermal zone, while the surrounding healthy tissue remains intact to support the natural healing process. This innovative approach stimulates collagen production and accelerates cell regeneration.

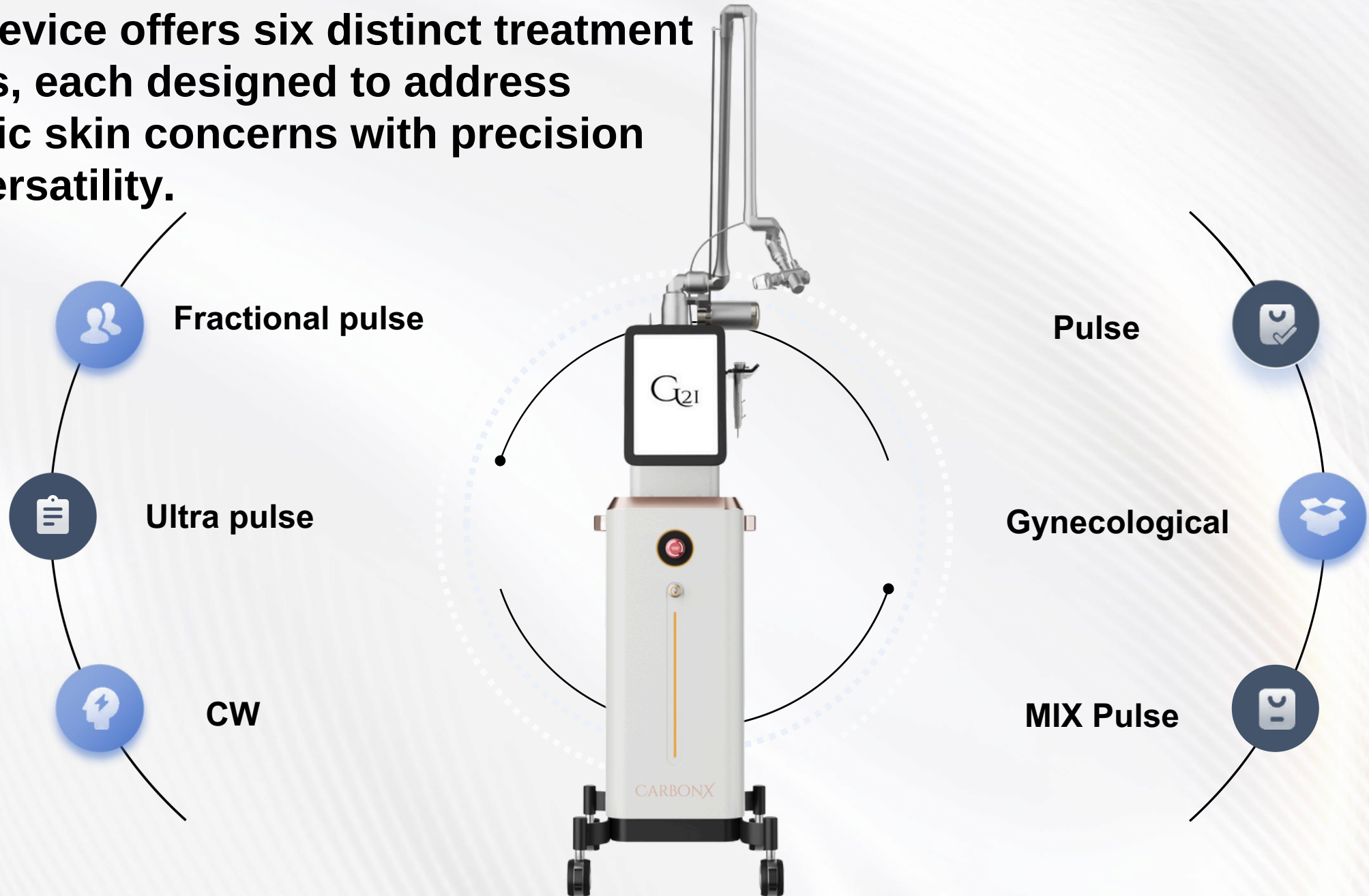
The immediate contraction of the skin is followed by visible structural improvements, with optimal results typically noticeable within one week post-treatment.

The CO2 laser utilizes multiple arrays of 10,600 nm laser beams delivered to the skin through fractional scanning. This process creates a precise array of laser points on the epidermis, with each point consisting of one or several high-energy laser pulses. These pulses penetrate the dermis, forming tapered micro-channels.

This targeted action induces vaporization, solidification, and carbonation of the biological tissue, while simultaneously sealing small blood vessels, reducing bleeding, and promoting enhanced healing.

The high-energy laser also stimulates the proliferation and remodeling of collagen fibers, while the contraction of the tapered micro-channels tightens the skin, resulting in a smoother, more refined, and elastic complexion with improved texture and tone.

This device offers six distinct treatment modes, each designed to address specific skin concerns with precision and versatility.





Advantages

M E T A L R F T U B E

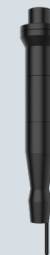
- Minimal recovery time for enhanced patient convenience.
- Designed for long-term use (7-10 years) with durability and reliability.
- Features an integrated air cooling system, eliminating the need for regular maintenance.
- Delivers consistent energy across each micro-spot for uniform and precise results.



**Fractional
Head**



**Cutting Head
f=75mm**



**Cutting Head
f=100mm**



**Cutting Head
f=50mm**

—— 7 Scan Shapes ——

Adjustable Size And Density

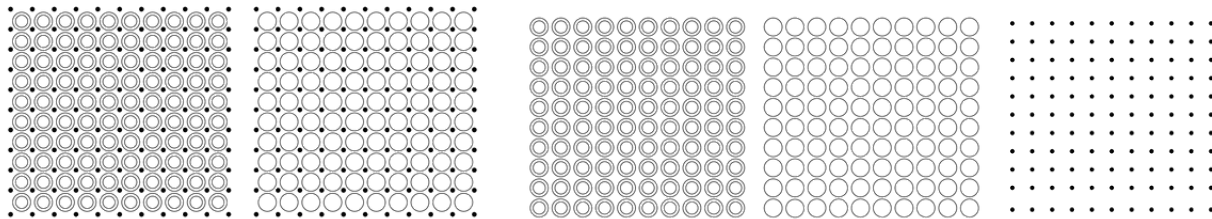


Healing zone selecting matches to each patient's needs

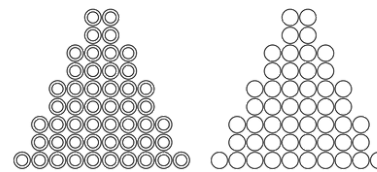
By emitting precisely controlled light beams deep into the skin, the treatment induces targeted micro-damage, stimulating the skin's natural healing response. This accelerates collagen production and enhances skin cell turnover, effectively reducing the appearance of acne scars and minimizing enlarged pores.

What Does CO2 Fractional Laser Do?

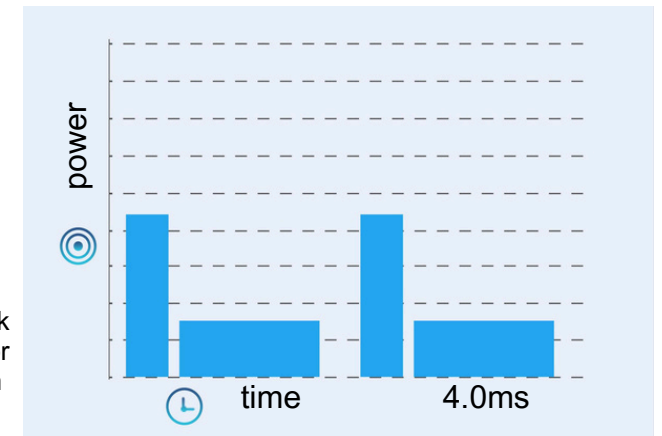
- Highly effective for treating atrophic acne scars.
- Enhances overall skin texture and complexion.
- Reduces the appearance of enlarged pores.
- Stimulates collagen production for firmer, youthful skin.
- Quick treatment with minimal downtime.
- Fast-speed scanning system for enhanced efficiency.



The Super Pulse CO2 Plus System allows for precise treatment of both superficial and deep skin layers simultaneously. It offers full control over the intensity, pattern, and depth of ablation, all within a single platform. Both functions can operate independently or together, providing flexibility and ease of use, with complete control managed by the operator for a seamless treatment experience.



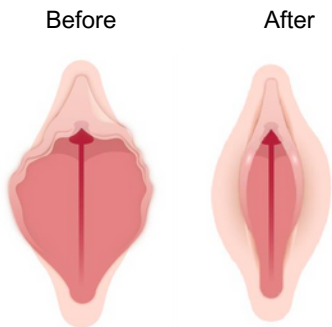
Special SuperUltra delivers high peak power in a short pulse duration for deep penetration with ideal ablation and coagulation ratio



Gynecologica I Head



- Vulvar reshaping for enhanced aesthetic and functional outcomes.
- Postpartum perineal scar treatment to improve appearance and healing.
- Correction of labia majora hypertrophy and clitoral concerns.
- Genital bleaching for skin lightening and rejuvenation.
- Treatment of stress urinary incontinence to improve comfort and function.



- Vaginal rejuvenation to restore tone, elasticity, and youthful appearance.
- Vaginal atrophy treatment to alleviate symptoms and improve comfort.
- Vaginal relaxation syndrome correction to restore structural support and function.



Equipped with a 180-degree conical reflector and a 45-degree inclined reflector, the system is designed to accommodate a wide range of customer needs and treatment requirements.

The CO2 fractional laser generates a controlled, precise photothermal effect on the vaginal mucosa, promoting tissue contraction and tightening, thereby restoring the natural elasticity of the vaginal canal. The laser energy is delivered along the vaginal wall, heating the tissue without causing damage.

This stimulates the production of new collagen in the endopelvic fascia, enhancing structural integrity and improving overall vaginal health.



	Fully Analog	Hybrid	Fully Digital
Novanta Products	62xxK/83xxK with 67x driver MOVIA Scan Head	62xxK/83xxK with digital driver Versia Scan Head	Lightning II
Price	\$	\$\$	\$\$\$
Field Serviceability	✗	✓	✗
Accuracy	✓	✓	✓✓✓
Available Mirror Size Range	3mm to 50mm	3mm to 50mm	14mm to 50mm
Drift	✓	✓✓	✓✓✓
Predictive Control	✗	✓	✓
Protection from OBS components	Low	High	Medium/High

New Super Pulse co2 Plus used Digital signal system which is **more expensive and stable ,protective,faster**, compare to market 98% use Analog signal .

Parameter

Laser Type:	10.6 μ m \pm 0.1 μ m
Output Power:	1-40W 0.6~1050 mJ
Focus spot diameter:	\leq 0.1mm
Indication Beam:	Red Diode Laser (650nm, \leq 5mW)
Transmission System:	7-Articulation Joint Spring Arm
Smoke Exhausting System:	Built-inairblow
Cooling System:	Air cooling
Environmental temperature:	5 $^{\circ}$ C~40 $^{\circ}$ C
Relativ e Humidity:	\leq 80%
Power Supply:	~220V \pm 22V,50Hz \pm 1Hz
Dimension:	695mm \times 550mm \times 1325mm
Weight:	55kg



Application

What is Fractional CO2 Laser used to treat?

The Fractional CO2 Laser is an advanced treatment option for a variety of skin and health conditions, including:

- Sun damaged skin
- Fine lines and wrinkles
- Surgical scars
- Stretch marks
- Large pores
- Acne scars
- Skin Rejuvenation
- Scars
- Dyschromia
- Photoaging Skin
- Nevus
- Warts

Before & After



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TAKE THE NEXT STEP IN ADVANCING YOUR SKILLS AND
EXPERTISE BY BECOMING CERTIFIED TODAY!**



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Education is Life Itself - Investing in Yourself is the
Key to a Lifetime of Growth and Success