

PIXEL[®]CO₂

Fractionated CO₂
Skin Resurfacing System



Alma



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Alma Lasers' fractional ablative CO₂ solution, the Pixel[®] CO₂, represents the best of both worlds for skin resurfacing. It combines the proven effectiveness of an ablative approach with the patient comfort level and convenience that approaches a non-ablative solution.

Proven fractional technology

If you currently provide non-ablative skin rejuvenation and have found that many of your patients need something more aggressive, then the Pixel CO₂ may be the solution you have been looking for. The Pixel CO₂ provides high-quality results, while eliminating the traumatic side effects often associated with CO₂ resurfacing.

Proven effectiveness

By combining its proprietary and proven Pixel fractional technology with traditional CO₂, the new Pixel CO₂ from Alma Lasers creates a supremely effective treatment for aged, photo-damaged, and acne-scarred skin with minimal erythema or patient downtime.

Maintain patient comfort and improve results

With the Pixel CO₂, you'll achieve dramatic results similar to traditional CO₂—while you minimize long-term discomfort and reduce the risk of complications.

Benefits of the fractional Pixel CO₂

- ▶ Significantly improve the tone and texture of skin in *one treatment*
- ▶ Minimal down time and faster healing—patients usually return to normal activities within three days
- ▶ Easy to use—short learning curve
- ▶ Lower risk of complications compared to traditional CO₂ laser resurfacing
- ▶ No consumables

Pixel CO₂ Indications

- ▶ Clears photo-damaged skin
- ▶ Smooths fine lines, wrinkles and rhytids
- ▶ Shrinks the appearance of pores
- ▶ Fills in acne scars
- ▶ Blends uneven pigmentation



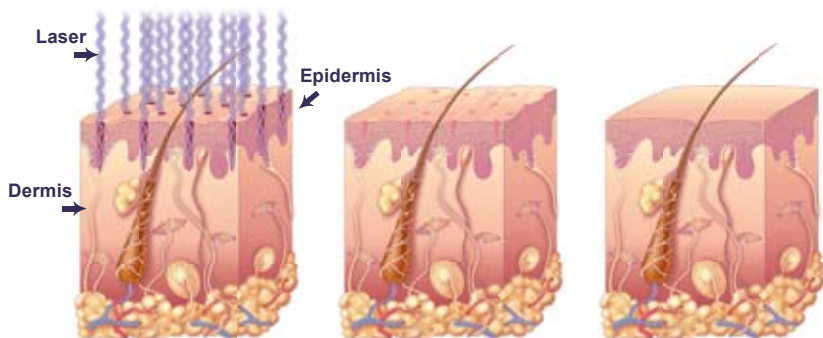
How the Pixel CO₂ works

With the Pixel CO₂, laser light passes through the patented Pixel optics to penetrate the skin with tiny thermal channels.

- ▶ It creates an ablative and thermal effect in only these channels—a micro-injury—without disturbing the surrounding tissue.
- ▶ These micro-injury sites (about 15 – 20 percent of the treatment area) start the process of healing. As collagen remodels, skin tightens and scars improve.
- ▶ The intact, undamaged skin around the treatment site is what promotes quicker healing for a faster recovery.

Faster results, safely

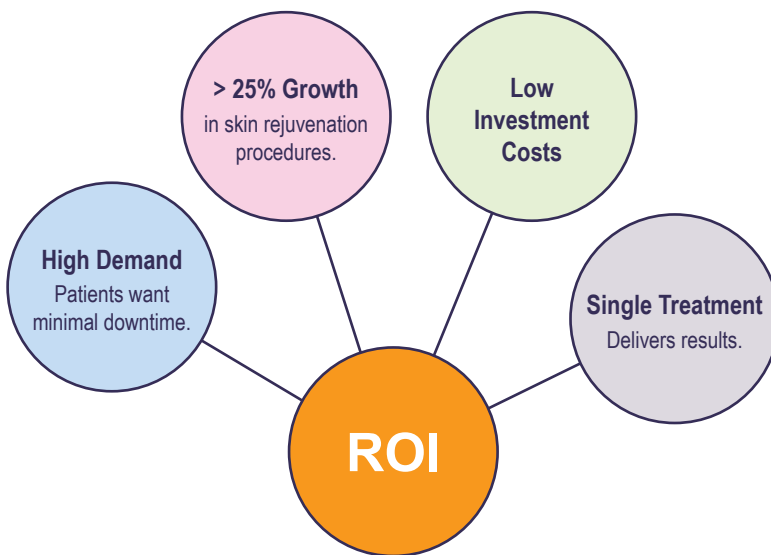
- ▶ Easy to learn and use, Pixel CO₂ brings faster results *safely* for your patients.



Pixel micro-channel technology ablates less than 20% of the epidermis with 10.6 μm CO₂ laser energy. Tiny beams of light penetrate the skin, leaving thermal channels going down into the dermis.

In the days following treatment, a healing reaction stimulates the growth of new collagen. Redness diminishes significantly and the epidermis flakes away, revealing fresher looking skin.

After several weeks of collagen regrowth, the skin is plumper and wrinkles have faded significantly. The epidermis is new and more youthful in appearance.



Source: Millennium Research Group, 2006

Market your investment

In addition, Alma Lasers offers a comprehensive array of educational and practice management programs to help you fine-tune your aesthetic marketing skills and provide the most for your patients.

Technical Specifications

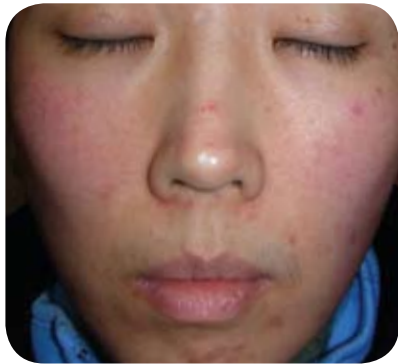
Laser Type	Sealed, DC-excited CO ₂ laser
Wavelength	10.6 μm
Maximum CW Power	up to 30 W
Operational Mode	CW, Super Pulse
Pulse Width	50 – 1000 μs
Pulse Frequency	25 – 500 Hz
Spot Size	10 x 10 mm (49 pixels)
Delivery System	Lightweight, carbon fiber, 7-joint, spring-balanced articulated arm
Controls	Color touch screen, footswitch
Diode Aiming Laser	650 nm, 5 mW
Electrical	120 VAC, 20 A, 50/60 Hz or 230 VAC, 10 A, 50/60 Hz
Dimensions (HxWxD)	43.3" x 19.7" x 19.7" (110 cm x 50 cm x 50 cm)
Weight	110 lbs. (50 kg)

Dramatically improve results with minimal downtime

The Pixel CO₂ takes ablative patient downtime from 30 days to approximately three, making the procedure as attractive and appealing as a non-invasive approach for today's busy patients.

Resurfacing Technology	Downtime *	Performance
Traditional Ablative/CO ₂	30 days	Extreme Age- and Photo-Damage
Pixel CO ₂ Fractional	3 days	Moderate Age- and Photo-Damage
Pixel 2940 Fractional	Hours	Noticeable Age- and Photo-Damage

* Downtime depends on system settings and patient response. Typical figures are given for illustration only.



Before

Photos courtesy: Dr. Min



After



Before

Photos courtesy: Dr. Min



After

About Alma Lasers

Alma Lasers, Ltd. is a global developer, manufacturer and provider of laser, light-based and radiofrequency devices for aesthetic and medical applications. Since 1980, the founders of Alma Lasers have been at the forefront of innovative multi-technology / multi-application systems designed to meet the unique needs of today's practitioners.

Alma's mission is to provide modular, cost-effective and high-performance systems that enable practitioners to confidently offer safe, effective and profitable aesthetic treatments to their patients.

www.almalasers.com

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The logo features the word "Alma" in a large, bold, dark blue font with a stylized, light-colored brushstroke effect behind the letter 'A'. To the right of "Alma" is the word "Lasers" in a smaller, clean, dark blue sans-serif font, followed by a registered trademark symbol (®). Below the main logo text is the tagline "Wellbeing Through Technology®" in a smaller, dark blue sans-serif font.

Alma Lasers®
Wellbeing Through Technology®