PIXEL^{RF}*

Micro Plasma™ Technology

The New Pixel^{RF} Fractionated Skin Resurfacing Module Using Micro Plasma Radiofrequency Proprietary Technology

- **Improvement of acne scars and striae marks**
- **Skin tightening**
- **Drug delivery system**
- **Treatment of discoloration, fine lines and wrinkles**
- **Acne Treatment**

Based on UniPolar™ RF-based technology, the Pixel^{RF} tips with Micro Plasma Technology™ create multiple controlled, microperforations within small zones of thermal injury, similar to the pattern created by many fractionated skin resurfacing lasers. During the procedure, just a small portion of the tissue is ablated. The remaining tissue supplies the healing that leads to the elimination of irregular epidermal pigmentation, tightening of dermal collagen and the smoothing that results from the generation of new collagen.

• *IN-Motion Tip* • *Stationary Tips*

Innovative. Microscopic bursts of electromagnetic RF energy pass to the skin surface from an array of pyramid-shaped points on an RF electrode. These bursts perforate and ablate the skin to very controlled depths.

Versatile. Effective for all skin types, Pixel^{RF} uses multiple tips with either stationary mounting or novel IN-Motion™ RF technology, depending on skin contour and severity of condition. Pixel^{RF} can also function as a drug delivery system utilizing the micro-perforations.

Fast. The 18mm width In-Motion Roller tip allows coverage of large areas (full Face) in less than 10 minutes. Stationary tips with assorted spot sizes are also available for small localized areas.

Effective on all skin types, genders and ethnicities. Pixel^{RF} can be used year-round, with no seasonal restrictions.

Affordable. The Pixel^{RF} module is a simple upgrade to the Accent®^{XL} platform. No separate system is needed. There are no consumables, no disposables, and there is no need to purchase a new system. The lightweight, ergonomic handpiece uses reusable tips that snap in and out.

Alma Lasers®
Wellbeing Through Technology®

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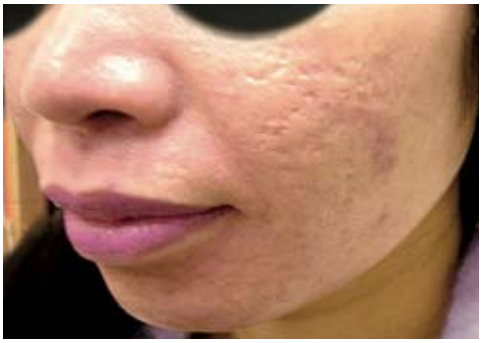
Alma Lasers RF Platform:
The Most Advanced RF Multi-Application System in the Marketplace

Dual-layer Thermotherapy

The RF platform is a unique, upgradeable, multi-application, Radio Frequency (RF) based platform for non invasive skin tightening, body contouring, treatment of cellulite, and now skin rejuvenation. The BiPolar and UniPolar applications of the platform work by gradually heating the dermal and subdermal tissue to smooth, tighten and re-contour both superficially and volumetrically.

Before & After Clinical Images




Photos Courtesy: Aesthetica Image Center, Melbourne, Australia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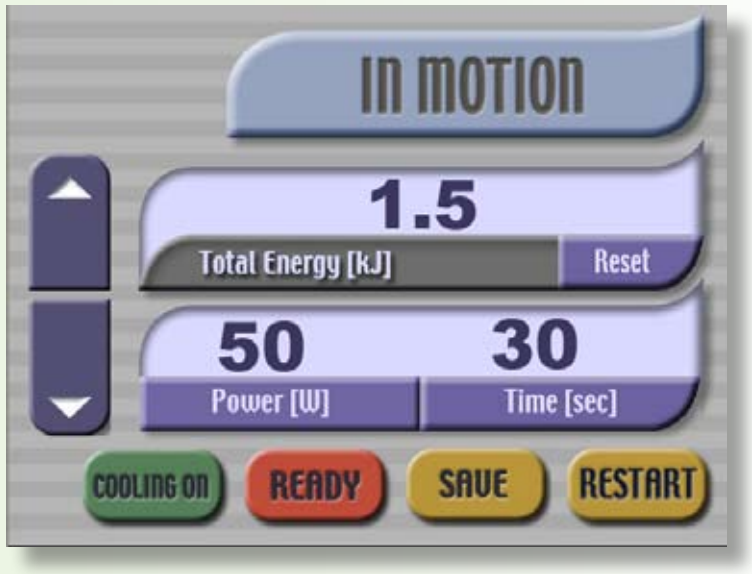
Photos Courtesy: Michael Shohat, MD Aesthetic Laser Clinic, Tel Aviv, Israel

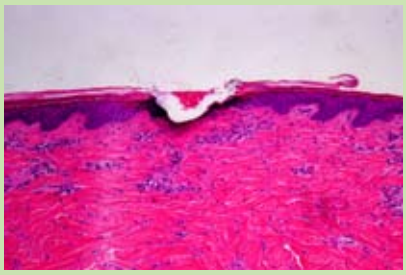
Ease of Use

Selected preprogrammed parameters

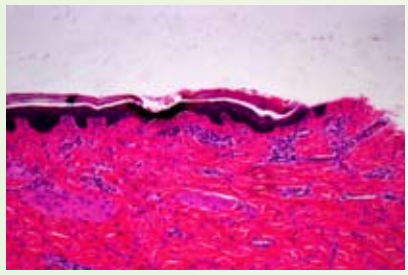
Touch-screen LCD display



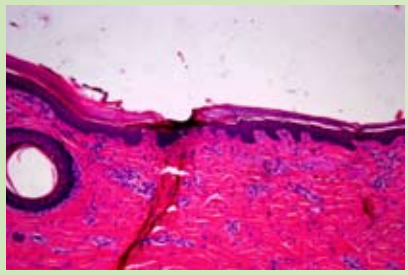
Pixel RF Histologies and Clinical Results



Day 0
The histology shows a crater caused by the ablative effect of a single Pixel^{RF} spike @ 45 Watts.



Day 3
The histology shows re-epithelialization of the crater 3 days after Pixel^{RF}.



Day 14
The histology shows closure of the crater and healing/rearrangement of the rate ridges area 14 days after Pixel^{RF}.

Photos Courtesy: Arie Orenshtein, M.D, Department of Plastic and Reconstructive Surgery, Sheba Medical Center, Tel Hashomer, Israel
Guy Nahmany, M.D, Advance Technology Center, Sheba Medical Center, Tel Hashomer, Israel

Day 0 - Immediately after Tx.

14 Days after Tx.

Photos Courtesy: Dr. Dinko Kaliterna, Croatia

Pixel^{RF} Technical Specifications

Energy Source	RF Energy
Frequency	40.68 MHz
Power	30–80 W
Tip Material	Medical-grade Stainless Steel
Stationary tips	
Spot Sizes	7, 12, 17 mm
Pixel Spacing	0.7, 1.0 or 1.5 mm
Roller tips	
Wheel Diameter	25 mm
Wheel Width	10 or 18 mm

System Technical Specifications

Electrical	100 VAC ±10%, 6.3 A, 50/60 Hz
	110-120 VAC ±10%, 5 A, 50/60 Hz
	208-240 VAC ±10%, 5 A, 50/60 Hz
Power	Up to 300 W
System Dimensions	54 cm (W) x 44 cm (D) x 97 cm (H)
Weight	50 kg

IN-Motion™ Technology Removes Pain

IN-Motion Technology represents a breakthrough in patient comfort, speed of procedures and repeatable clinical results.

Why? In just 5 to 10 minutes you can achieve an entire facial area skin-resurfacing treatment with minimal down time and maximum efficacy!

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ISO 9001 / ISO 13485:2003

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