

**Alma**  
Lasers™

# LEGATO II

*Total Scar Solution*



Legato II is a medical aesthetic platform that offers a unique and clinically-proven approach to treating scars and other skin imperfections



# LEGATO II

Legato II combines fractional ablation with Alma's IMPACT skin barrier breakthrough solution to effectively treat a variety of hard to treat symptoms, in particular scars and stretch marks.



Legato II is a medical aesthetic platform that offers a unique and clinically-proven approach to treating scars and other skin imperfections using microplasma and IMPACT ultrasound technologies.

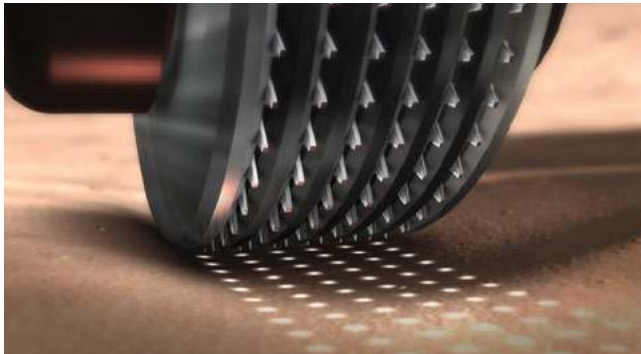
The second-generation Legato II features interchangeable tips that allow practitioners to determine the precise level of ablation and thermal effect, while minimizing patient discomfort.

IMPACT offers a breakthrough method of trans-epidermal delivery, allowing active ingredients to penetrate the dermal-epidermal junction and reach deeper skin tissue for further treatment. Legato II is suitable for use on all skin types including dark and sensitive skin, making it an ideal method for scar removal and skin repair with excellent clinical results.

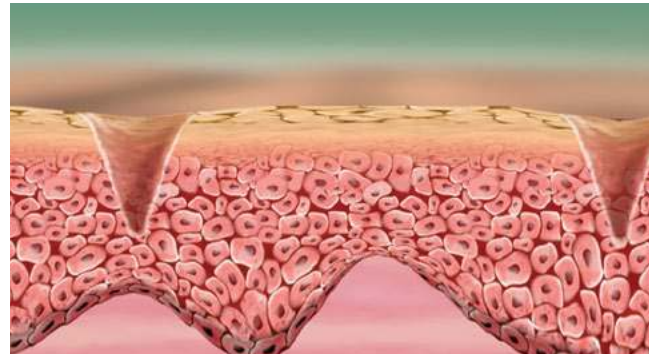
# MICROPLASMA™ TECHNOLOGY

Microplasma is a fractional ablative technology unique to Alma Lasers that effects the Nitrogen ions present in the air, creating a controlled spark that penetrates the skin surface and leaves a crater up to several hundred microns deep surrounded by

thermal damage. With microplasma, it is possible to obtain unprecedented treatment control via an array of microplasma tips, as well as the ability to control the strength of the plasma spark without changing the power settings.



Micro-channels that reach beyond the epidermis



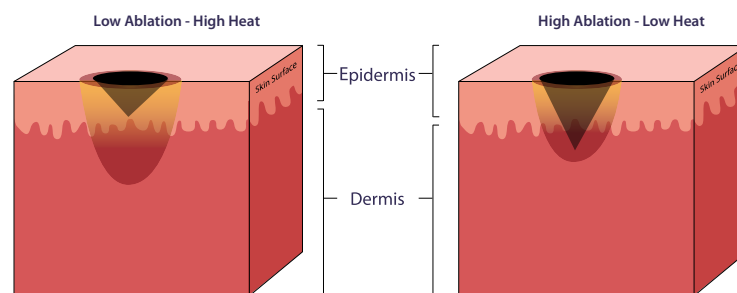
The micro-channels are surrounded by untreated skin

## Microplasma Control:

Legato II manipulates the electromagnetic wave, changing the location of the crest that makes contact with the skin and thereby dictating the strength and effect of the ablation. With a lower power setting, it is possible to obtain an ablative spark equivalent

to a significantly higher power setting. The benefit of this technology is a much more comfortable treatment for the patient as well as an ablative effect ideal for the treatment.

## Control ablation depth and thermal effect using any power setting



“ In darker skinned Asian patients, the synergies present in trans-epidermal delivery treatment using fractional ablative microplasma and ultrasound treatment is effective with fewer side effects. ”

Dong-Hye Suh, MD, Dermatologist Arumdaun Nara Dermatologic Clinic, Korea

# MICROPLASMA INTERCHANGEABLE TIPS:

Interchangeable Microplasma tips allow you to customize treatment for each scar type or indication by controlling the amount of energy delivered as well as the precise depth of treatment.



## Atrophic tip

The standard tip for the Microplasma module, this tip is a roller with 6 pins per row.

It is ideal for treating keloid, contracture and acne scars, stretch marks and large areas, as well as additional indications including Skin Rejuvenation, Skin Resurfacing, Pigmented Lesions and Melasma.



## Traumatic tip

A roller with 3 pins per row for high-energy fractional ablation.

It is ideal for treating hypertrophic scars.



## Icepick tip

A stationary tip for high thermal effect.

This tip is designed to pinpoint and treat localized scars.

“ My experience has proven the clinical efficacy of this method for facial rejuvenation and for reducing acne scarring. Other authors have achieved **excellent results** in treating hypertrophic scars and stretch marks ”

Dr. Mario A. Trelles, MD PhD  
Instituto Medico Vilafortuny, Tarragona, SPAIN



Courtesy of: Dr. Emiliano Grillo, Dermatologist, Madrid,  
BIOLÁSER La Moraleja Clinic



Courtesy of: Prof. Niwat Polnikorn,  
Kasemrad Hospital Prachacheun Bangkok, Thailand

## MICROPEEL™

MicroPeel is a fractional ablative skin resurfacing treatment designed to improve the overall texture, tone and radiance of the skin while also restoring its elasticity. Using fractional Microplasma RF technology, MicroPeel smooths and balances the skin, reducing the appearance of fine lines, superficial pigmentation and scars, shrinking pore size and eliminating blackheads.

MicroPeel uses radiofrequency energy to produce tiny sparks that travel between the RF electrode and the skin's surface. These microplasma sparks create controlled thermal damage in the uppermost layers of the skin, triggering a natural healing process that stimulates cell renewal and the formation of healthy new collagen in the dermis and epidermis.



Courtesy of: Maria Claudia Issa, MD & PhD  
Clinica Dermavance Dermatologia, Rio de Janeiro, Brazil

*Clinical results of the combined Microplasma and IMPACT treatment have been **very impressive*** ”

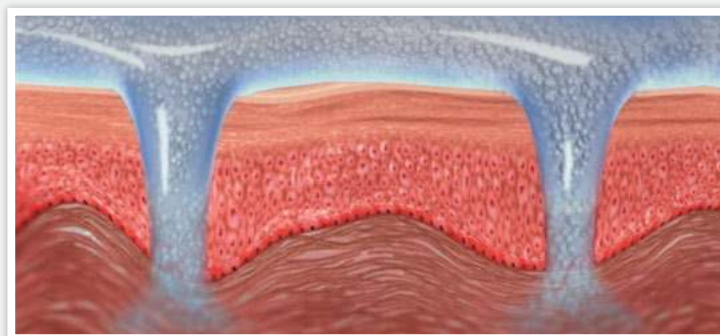
*Uwe Paasch, MD, PhD  
University Clinic of Leipzig, Germany*



## IMPACT™

To maintain and further extend the clinical results achieved via RF and microplasma, the patented Alma IMPACT™ module employs ultrasound technology to deliver active ingredients beyond the epidermal-dermal junction.

Once the skin has been perforated via a microplasma handpiece, the IMPACT module emits intermittent positive and negative waves of acoustic pressure, pushing the active ingredients through the micro-channels. The oscillating acoustic vibrations create a push and pull effect within the channels, releasing the buildup of intra-cellular fluid and allowing the active ingredients to reach the targeted tissue depth.



*IMPACT technology pushes active ingredients through to the sub-epidermal tissue*

*I have been very impressed by the use of IMPACT as a method of delivering cosmeceuticals to the dermis. I am not aware of any other method or technology* ”

*Tania Aparecida Meneghel, MD, Dermatologist  
Clínica Renaissance, São Paulo, Brazil*



Courtesy of: Dr. Lehaviv Akerman, Sheba Medical Center, Israel

# TRANS-EPIDERMAL DELIVERY TREATMENT

Legato II uses a 2-phase process to treat scar tissue and achieve effective Trans-Epidermal Delivery of active ingredients to the deeper skin layers.

## Phase I

Legato II begins with creating precisely disbursed micro-channels in the skin using microplasma technology. This creates a passage to the deeper layers of the skin. At the same time, the controlled thermal damage induced by the microplasma triggers a natural healing process that replaces disorganized, compacted scar tissue with healthy new collagen. The micro-channels are surrounded by untreated skin which also aids in rapid healing.

## Phase II

Once the skin is perforated, the IMPACT module uses ultrasound technology to advance active ingredients through the micro-channels, allowing their therapeutic properties to further treat damaged tissue at the dermal level.

Healing time is minimal, risk of infection or PIH (Post-Inflammatory Hyperpigmentation) is eliminated and little discomfort is felt.

“Microplasma and IMPACT technologies solves the challenges of trans-epidermal delivery by applying reverse pressure within the micro-channels, overcoming the blockage of intra-cellular fluid and forcing the active agents through. It is among **the most important breakthrough** in aesthetic technology”

Michael H. Gold, MD Medical Director, Gold Skin Care Center, Nashville, TN, USA



Courtesy of: Prof. Igor Pinson, Moscow, Russia



Courtesy of: Prof. Igor Pinson, Moscow, Russia

“I strongly believe that the Legato II, microplasma and IMPACT offer **treatment possibilities** which are not obtainable using any other devices.”

Maria Claudia Issa, MD & PhD Clinica Dermavance Dermatologia, Rio de Janeiro, Brazil

## BENEFITS



*Combined technologies  
for optimal results*



*Clinically proven  
treatment solution*



*Quick treatment,  
all year round*



*Minimal downtime  
& Minimal side effects*



*Suitable for  
all skin types*



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## INDICATIONS

- Scars
- Acne Scars
- Stretch Marks
- Melasma
- Skin Resurfacing
- Skin Rejuvenation
- Skin Whitening

# Alma

# LEGATO II

*Total Scar Solution*

Alma Lasers is a global innovator of laser, light-based, radiofrequency and ultrasound technologies for the aesthetic and surgical markets. We enable practitioners to offer safe and effective procedures while allowing patients to benefit from state-of-the-art, clinically proven solutions.

## Alma Lasers GmbH

Nordostpark 100-102  
90411 Nuernberg, Germany  
Tel. + 49 911 / 89 11 29-0  
Fax + 49 911 / 89 11 29-99  
Email: [info@alma-lasers.de](mailto:info@alma-lasers.de)  
[www.alma-lasers.de](http://www.alma-lasers.de)

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**Impact:** Europe Patent No. 2459268. Other patents and patents pending in the United States and other countries.

[www.almalasers.com](http://www.almalasers.com)

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