

ULTRApulse α
BY LUMENIS

WOW RESULTS
IN JUST ONE TREATMENT



ULTRApulse α

A ONCE IN A GENERATION OPPORTUNITY IS HERE.

ULTRApulse[®] Alpha is the alpha of the skin care lasers pack, and for all the right reasons. The best CO₂ laser technology in aesthetics has been perfected and brings you WOW results in just one treatment, while maintaining patient comfort and safety with minimal downtime.

ULTRApulse Alpha's unmatched power enables efficient ablation with minimal excess thermal damage like no other laser, leading to improved results and patient comfort, as well as reduced healing time relative to other ablative platforms. Its ability to achieve up to 4 mm ablation depth in a single pulse is unparalleled and empowers clinicians to treat not only dyschromia, fine lines and wrinkles, but also thick lesions and hypertrophic scars. A wide range of applications is further accessible via the all-friendly user interface. With clinically tailored presets, new and improved lasing and scanning technologies, and smart automations, ULTRApulse Alpha makes CO₂ laser simple to use by experts and beginners alike, controlling every aspect of treatment with a touch of a button.

ULTRApulse Alpha is the next step to growing your practice. With Lumenis' expertise and envelope of services you are free to focus on your customers - because that's what matters the most.





JOIN THE ALPHA CLUB WITH THE NEW ULTRApulse α AND ENJOY EVERYTHING IT HAS TO OFFER

Grow Your Business with WOW Results in Just One Treatment

Lumenis' leading technology, experience and track record are all present in the new ULTRApulse Alpha. Many other laser skin treatments require recurring visits to achieve noticeable results, but the ULTRApulse Alpha is showing remarkable results in just one treatment. With such results, your customers will be your own walking business cards, driving more and more of their friends through your door. The ULTRApulse Alpha brings CO₂ laser technology to any practice, enabling you to grow your business rapidly with the highest revenue in a single session relative to other technologies.

Power Meets Automation

ULTRApulse Alpha boasts the leading laser technology, perfected by the pioneers who introduced CO₂ laser to aesthetics decades ago, and have been the industry experts ever since. The ULTRApulse Alpha's unmatched single pulse power means ablation with minimal thermal damage and very little heat dissipation at any energy level, low or high. This directly leads to better results and less patient discomfort and downtime. A contemporary user interface is hosting presets and intelligent automations tailored by experts, which empowers you to focus on your patients and provide them the best treatment experience possible.

Decades of Service – Legacy of Insights

ULTRApulse Alpha was developed alongside physicians and providers to make the device more intuitive, easier and more comfortable to use. From the intuitive interface allowing you to personalize presets at the click of a button, through device control over the smoke evacuator and built-in purge air unit, to additional scanning patterns and parameters, full control is in your hands.

At Lumenis, we know every minute in the clinic counts, so we created the Alpha to assist you in making the most of your time - mid-treatment parameter control, treatment overview, exclusive clinical best practices via embedded QR codes*, an articulated arm counterbalance keeping it light, and much more.

WIZ by Lumenis – Seamless Workflow

Introducing WIZ, Lumenis' innovative and connected technology available on the ULTRApulse Alpha platform. With embedded remote service system connectivity, you can enjoy rapid remote error diagnostics and resolution – keeping your ULTRApulse Alpha at the top of its game.

*** Try Me!**



AMAZING RESULTS FOR PATIENTS AND PROVIDERS

ULTRApulse Alpha combines the best CO₂ laser technology with the most advanced and easy to use platform, allowing aesthetic providers to take their practice to the next level.

Perfect Precision

- Great versatility and precision for all resurfacing needs
- CoolScan™ technology with non-sequential scanning, for enhanced patient comfort
- BrushFX™ scanning mode - going “off the grid” with a randomized pattern



Maximal Power

- Short pulse duration, faster than the tissue relaxation time
- 240W peak power leading to optimal clinical outcomes with minimal excess heating and tissue damage
- Proven efficacy in dozens of clinical studies and peer-reviewed publications



Deepest Impact with SCAARFX Mode

- Up to 4 mm penetration depth in a single pulse, meaning less residual heat and reduced patient discomfort
- Ideal mode for treating deep, thick lesions such as hypertrophic scars









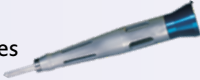

Quick Superficial Treatment Option

- High coverage superficial treatment option for effective management of dyschromia and other types of pigmentation
- TotalFX mode combining superficial and deep treatments in a single session, improving results without increasing the downtime



HIGHLY ADVANCED SCANNERS AND DELIVERY SYSTEMS

Versatility, Precision and Efficacy

Accessory	Treatment Mode	Description	Spot Size and Distribution
DeepFX™ Microscanner 	DeepFX™	Deep impact for treating wrinkles, acne scars and other deep cosmetic lesions	 0.12 mm
	DeepFX™ High	Deep impact, designated to treat deep wrinkles, severe acne scars and other deep lesions	
	SCAARFX™	Deepest impact in a single pulse for treating thick, complex lesions	
UltraScan™ CPG Scanner 	LiteFX™ / GentleFX™	Low, sub-ablative fluence for mild treatment of dyschromia and wrinkles	 1.3 mm
	ActiveFX™ / MaxFX™	Wide range of settings, for full and fractional treatment of texture and pigment inconsistencies	
TrueSpot™ 	PreciseFX™	Collimated 2.0 mm handpiece for fast and precise tissue ablation and coagulation with consistent fluence	 2.0 mm
Incisional Handpieces 	IncisionFX™	0.2 mm & 1.0 mm focused for clean, precise incisions	 0.2 mm, 1.0 mm

Groundbreaking Scanning Technology



CoolScan™ technology - enables non-sequential scanning, avoiding bulk heating for increased patient comfort and reduced downtime.

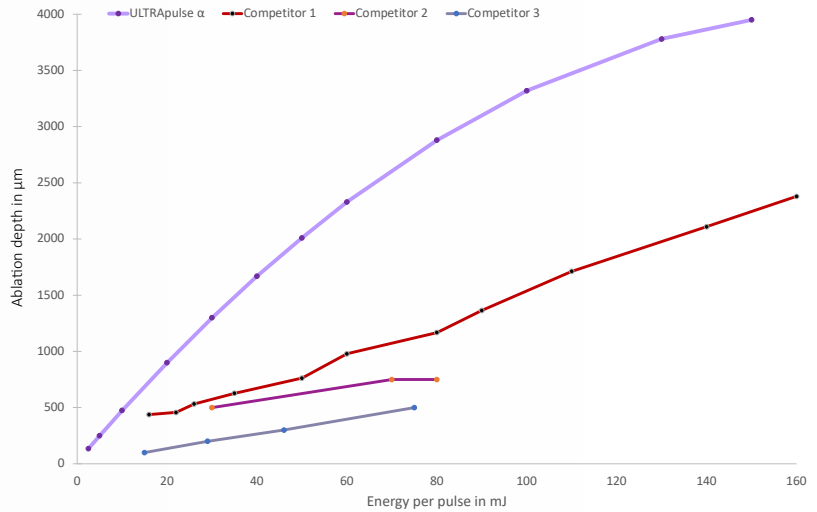


BrushFX™ scan mode - takes CoolScan technology one step ahead, offering inhomogeneous scan pattern, further reducing potential treatment demarcations.

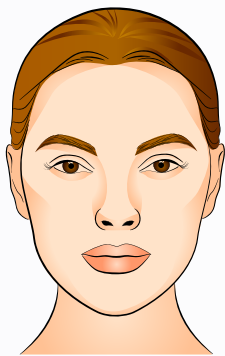
NOT ALL CO₂ LASERS ARE CREATED EQUAL

Exceptional Ablation/Coagulation Ratio

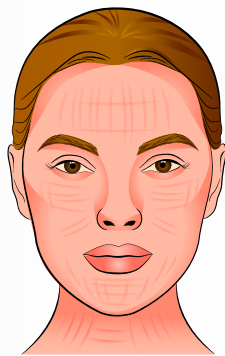
For any specific ablation depth, more energy means more excess heat in the tissue. ULTRApulse Alpha technology enables the deepest penetration with the lowest energy. This reduces patient discomfort, downtime and thermal damage. ULTRApulse Alpha also enables ultra short pulses per energy level, further enhancing patient comfort.



ULTRApulse Alpha vs. Less Powerful Laser



High power laser
1 week post with ULTRApulse Alpha technology

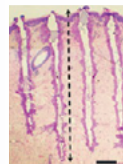


Low power laser
1 week post with other low power CO₂ laser

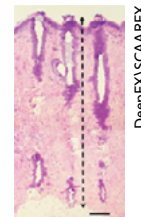


Caution: lower power lasers allow heat dissipation and extended collateral thermal damage that takes longer to heal

ULTRApulse Alpha; DeepFX/SCARRFX mode

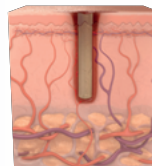


100mJ
Penetration depth 3.3 mm



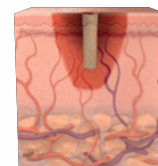
150mJ
Penetration depth 4 mm

UP Mode



- α Highest peak power
- α Deepest impact
- α Narrow, controlled thermal zone

CW Mode



- α Low peak power
- α Superficial impact
- α Wider thermal zone

Alpha Air Brush



Take your resurfacing skills to the next level with Alpha Air Brush. The unique CPG scanner supports a wide range of modalities, provides powerful pulses over a large spot size, with a short time-off between pulses. With a collimated beam for full accuracy from almost any distance from the skin, the CPG allows you to use a “painting” method to cover a large area faster than ever before. Alpha Air Brush shortens treatment duration without compromising efficacy, enabling you to perform a full facial resurfacing in less than 15 minutes, while providing your patients with the results they desire.

ULTRApulse α TECHNOLOGY PROVIDING WOW RESULTS

Facial Skin Resurfacing

Before



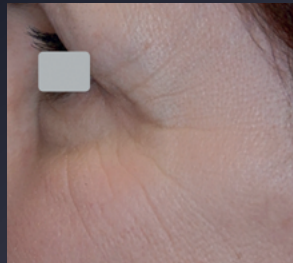
After



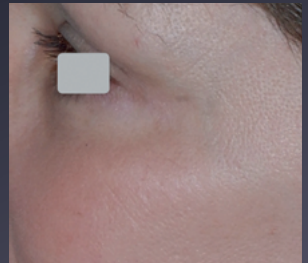
Courtesy of Clayton Moliver, MD

Periorbital Skin Resurfacing

Before



After



Courtesy of J. Kevin Duplechain, MD

Before



After



Courtesy of Ofir Artzi, MD

Dyschromia

Before



After



Courtesy of Matteo Tretti Clementoni, MD

Before



After



Courtesy of Suzanne L. Kilmer, MD

Scar Revision

Before



After



Courtesy of Jill S. Waibel, MD



"The new GUI is beautiful and classic, and it's so intuitive and easy to use. When choosing an indication, you can scan a QR code that directs you to a website recommending on specific parameters. I wish I had this possibility when I was a beginner... ULTRApulse Alpha's engineering allows for very precise and accurate operation, in comparison to other manufacturers which are less predictable."

Dr. Ofir Artzi | Head of Center for Aesthetic Dermatology at Tel Aviv Medical Center, Israel



"After comparing all fractional-ablative devices, it turns out that the short pulse delivered by ULTRApulse Alpha creates a deep-clean wound, while other devices are less powerful and might deliver more complications. Lumenis does such a great job, and the new ULTRApulse Alpha is an amazing device that has upped the game with many new features."

Dr. Jill S. Waibel | Medical Director and Owner, Miami Dermatology and Laser Institute, Miami, FL

The testimonials above represent experiences by experienced collaborating providers. Experience of others may vary.

SPECIFICATIONS

Wavelength	10,600 nm
Laser Type	UP and CW
Power to Tissue	60 W
Peak Power	240 W
Spot Size	0.12 mm DeepFX™ Microscanner; 1.3 mm UltraScan™ CPG Scanner; 2.0 mm TrueSpot™ Handpiece; 0.2-1 mm Incisional Handpiece
Scan Size	Hex. 16 mm
Density per Scan	Fractional: 1-100%, full ablative: >100%
Ablation Depth	Up to 4 mm
Full Resurfacing, Fractional, Incisional and Excisional capabilities	Yes
Aiming Beam	≤5mW red diode laser, 635 nm, adjustable intensity
Beam Delivery	Articulated arm w/240 cm (94.5 in) reach, 360° rotation
Cooling	Self-contained, closed cycle
Warranty and Coverage	1 Year standard
Electrical	100 – 240 VAC; 16A max.; 50/60 Hz, Single Phase
Weight	135 kg (297 lbs)
Dimensions (WxDxH)	44 cm x 65 cm x 100-195 cm (17.3 × 25.6 × 40-77 in)

WARNINGS AND RISKS

CO₂ lasers are intended solely for use by professionals trained in the use of the Carbon Dioxide laser (10.6 μm) wavelength. Incorrect treatment settings or misuse of the technology can present risk of serious injury to patient and operating personnel. Risks that may be associated with any CO₂ laser procedure may include change of pigmentation, infection, erythema, skin induration or scarring. Read and understand the CO₂ systems and accessories operator manuals for a complete list of intended use, contraindications, and risks. The use of Lumenis® CO₂ laser is contraindicated where a patient has taken Accutane (Isotretinoin) within the past 6-12 months, has a history of keloid formation and demonstrate excessive or unusually prolonged erythema.

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Rx ONLY

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YOUR JOURNEY WITH LUMENIS HAS JUST BEGUN

We are here to help your practice to grow with ULTRAPulse Alpha, so we have put together a support package that begins with the first conversation and will remain with you as your business meets success. Lumenis' support package ensures that you will have all the services, professional information and clinical training needed to drive your practice to the top.

