

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. We've made it simple so that beginners and experts alike can achieve WOW results in just one treatment, while maintaining patient comfort with minimal downtime.

The best CO₂ laser technology in aesthetics has been perfected and now operated via an all-user-friendly interface with embedded presets and intelligent automation. Wrapped in an ultramodern design and with an intuitive graphical user interface, ULTRApulse Alpha sets you up for success.

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.





SIMPLICITY AT ITS FINEST

Join the Alpha Club with the new ULTRApulse Alpha and enjoy everything it has to offer for you and your customers.

WOW Results in Just One Treatment

Lumenis' leading technology, experience and track record are all present in the new ULTRApulse Alpha. While many other laser skin treatments require recurring visits to achieve noticeable results, ULTRApulse Alpha is showing remarkable results after 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.

CO₂ Made Simple for Beginners and Experts Alike

Wrapped in an ultramodern design, ULTRApulse Alpha boasts the leading laser technology, perfected by the pioneers who introduced the CO₂ laser to aesthetics decades ago, and have been the industry experts ever since. With a contemporary and intuitive GUI hosting presets and intelligent automations, ULTRApulse Alpha is easy to use by both beginners and experts, allowing them to reach outstanding results while maintaining patient safety and comfort with minimal downtime.

Growing Your Business

Do you want a new revenue stream for your business? ULTRApulse Alpha brings CO₂ to any practice, with easy-to-use presets for treatments like skin resurfacing, scar revision, and more. Ablative laser treatments average the highest revenue in a single session relative to other technologies, and provide your patients with incredible results.



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. Treat a variety of indications and reach WOW results in just one treatment.



Perfect Precision

Great versatility and precision for all resurfacing needs
CoolScan™ technology for enhanced patient comfort
BrushFX™ scanning mode



Exceptional Ablation/Coagulation Ratio

Optimal clinical outcomes with minimal excess heating
Proven efficacy in dozens of clinical studies and peer-reviewed publications



Deepest Impact with SCAAR FX Mode

Up to 4mm penetration depth in a single pulse
Ideal mode for treating deep, thick lesions











Short Pulse Duration

Faster than the tissue relaxation time
Minimize thermal damage

HIGHLY ADVANCED SCANNERS AND DELIVERY SYSTEMS

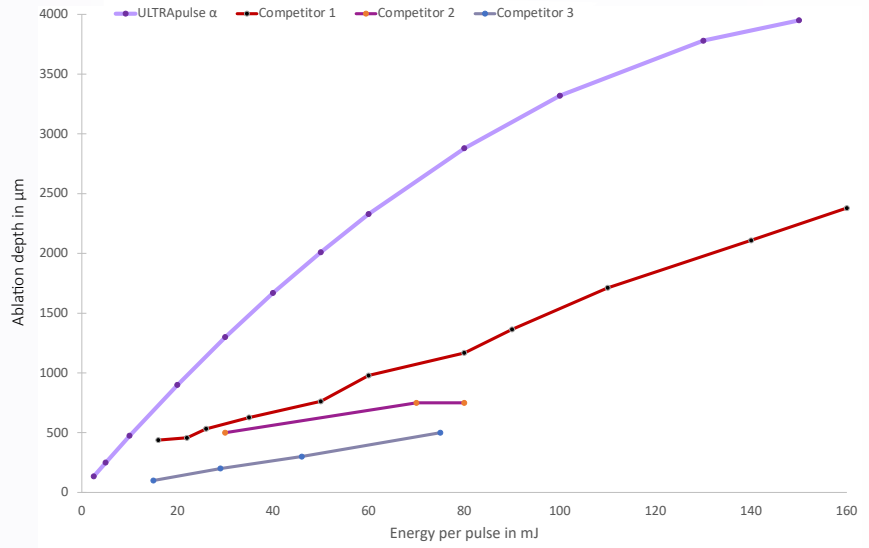
Versatility, Precision and Efficacy

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	
	SCAAR FX™	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 2.0mm handpiece for fast and precise tissue ablation and coagulation with consistent fluence	 2.0 mm
Incisional Handpieces 	IncisionFX™	0.2mm & 1.0mm focused for clean, precise incisions	 0.2 mm, 1.0mm

NOT ALL CO₂ LASERS ARE CREATED EQUAL

Exceptional Ablation/Coagulation Ratio

When ablation depth is equal, 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.

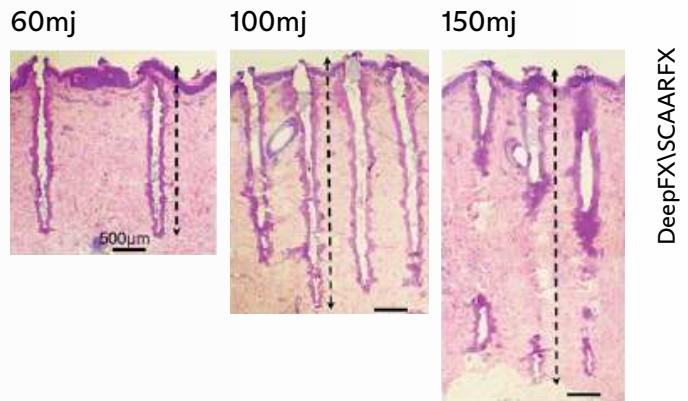


ULTRApulse Alpha; DeepFX/SCARRFX mode

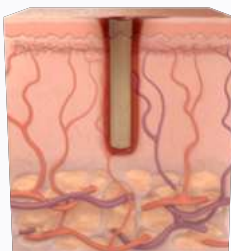
Left image: Energy 60mJ,
Penetration depth 2.3mm

Middle image: Energy 100mJ,
Penetration depth 3.3mm

Right image: Energy 150mJ,
Penetration depth 4mm

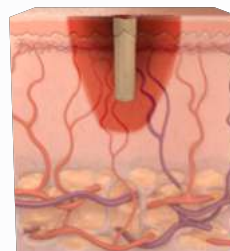


UP Mode



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

CW Mode



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

ULTRApulse α TECHNOLOGY PROVIDING WOW RESULTS

Facial Skin Resurfacing

Before



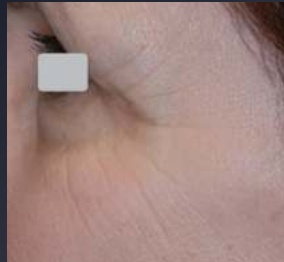
After



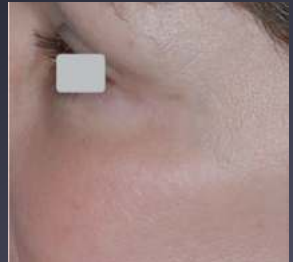
Courtesy of Clayton Moliver, MD

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

Before



After



Courtesy of Suzanne L. Kilmer, MD

Scar Revision

Before



After



Courtesy of Jill S. Waibel, MD



"With the ULTRApulse Alpha, using the different settings for ActiveFX™, we have a great deal of flexibility allowing us to offer our patients different levels of treatments. It's

been helpful to have a lot of control over the different parameters – fluence, energy per pulse, density, and power. It greatly simplifies the procedure and opens new possibilities in our practice."

Dr. Robert Langdon | Head of The Langdon Center for Laser and Cosmetic Surgery, Guilford, CT



"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, 1.3mm CPG Scanner, 2.0 mm TrueSpot™
Scan Size	Up to 15 × 15 mm
Density per Scan	fractional: 1-100%, full ablative: >100%
Ablation Depth	Up to 4mm
Full Resurfacing Capabilities	Yes
Fractional Capabilities	Yes
Incisional Capabilities	Yes
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
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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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.

