

SOPRANO[®]XL

Virtually Painless Laser Hair Removal
and Dermal Heating





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The Soprano^{XL} is a revolutionary diode laser system for permanent hair reduction and topical dermal heating. It's the world's first laser hair removal system that is virtually painless—and it's available exclusively from Alma Lasers.

Virtually painless?

The Soprano^{XL} works by safely and gently heating the dermis to a temperature that damages the hair follicle and prevents re-growth, yet does not injure the surrounding skin.

Hair removal IN-Motion[™]

Soprano^{XL} is unique because its pain-free process works *in motion*, with innovative technology and a sweeping technique that eliminates the common problem of missed or skipped spots. The comprehensive coverage means smooth legs, arms, backs and faces for all your patients—without the pain. In fact, patients have even compared the experience to a soothing hot stone massage.



New! Add Dermal Heating to your practice

In addition, the new Dermal Heating module for Soprano^{XL} can further expand your aesthetic offering by providing topical heating of intradermal and subdermal tissue. It's another in-demand application for today's aesthetic-minded consumer.

IN-Motion[™] Technology Removes Pain

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

Why? It provides a *gradual* thermal rise to the target therapeutic temperature, without the risk of injury and with much less pain for the patient.



Before



After

Photos courtesy: Kyle Holmes, MD



How the Soprano^{XL} works

For hair removal, the Soprano^{XL} uses gold standard 810-nm diode laser technology and combines it with exclusive IN-Motion™ technology. Energy penetrates deep into the dermis with high average power and a rapid 10 pulse-per-second repetition rate.

Gradual heating is the key

A low fluence, not high, makes the Soprano^{XL} a standout in the industry. Instead of simply blasting unwanted hair, it heats the hair follicles very gradually—without discomfort. In fact, this approach, combined with Soprano^{XL}'s cooling from the Sapphire DualChill tip, makes it so comfortable that neither gels nor analgesics are required. An optional Zimmer Cryo 5 air chiller can make the experience even more pleasant.

What's more, the Soprano^{XL} still provides permanent hair reduction on all pigmented hair and all skin types—including tanned skin. This flexibility makes it ideal for both physicians and medical spa professionals.

Fastest coverage rate in the industry

Pain-free isn't the only innovation, of course. Soprano^{XL} also has the fastest coverage rate in the industry, with a huge 12x10 mm spot and up to 10 Hz repetition rate. Plus, with no consumables, Soprano^{XL} is easy to operate and very cost-effective.

New! Soprano^{XL} also does Dermal Heating

Soprano^{XL}'s NEW near-infrared NIR module delivers uniform energy distribution that produces dramatic, yet comfortable deep dermal heating without damage to the epidermis to treat minor muscle pain, joint pain and stiffness, minor joint pain associated with arthritis; may also help muscle spasms, minor sprains and strains, and minor muscular back pain.



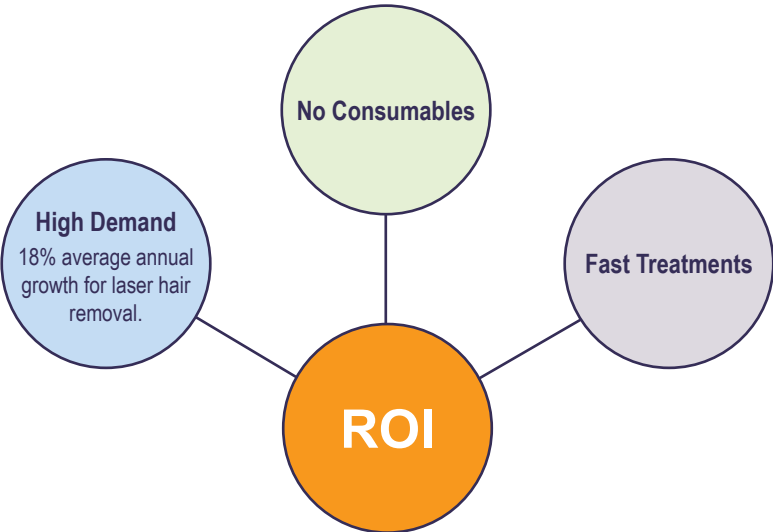
NIR module

“As for our treatments, the patients LOVE the Soprano^{XL}. I liken the sensation to a ‘hot stone massage’ and they agree.”

Mary Holms, RN
Davis Laser Center, CA

Treat more patients

With this unique combination of technologies, Soprano^{XL} allows you to treat more patients with high, in-demand applications from a single unit. You'll see a faster return on investment and develop a more successful practice.

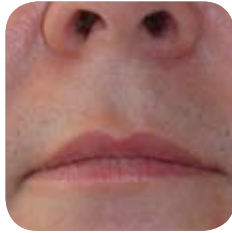


Source: Millennium Research Group, 2006

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.

Patients often can't believe how effective Soprano^{XL} is—without pain.



Before



After



Before



After



Before



After

Photos courtesy: Kyle Holmes, MD

New! Dermal Heating



Before



After

Photos courtesy: Michael Shochat, MD

Features of the Soprano^{XL}

- Gold Standard 810-nm laser diode provides reliable results
- Sapphire DualChill tip and optional Zimmer Cryo 5 air chiller adapter
- Permanent hair reduction of all pigmented hair on all skin types
- IN-Motion™ technology—virtually pain-free hair removal
- Fast hair removal—large 12x10 mm spot, up to 10 Hz repetition rate
- Fast dermal heating—huge 18 cm² spot
- Easy to operate
- Low cost of ownership with no disposables required

Technical Specifications

	Hair Removal	Dermal Heating
Light Source	Diode (continuous wave)	NIR lamp
Wavelength	810 nm	Peak emission at 1,300 nm
Fluence/Power	up to 120 J/cm ²	up to 100 W
Pulse Duration	10 - 1,350 ms	NA
Spot Size	12 x 10 mm	30 x 60 (18 cm ²)
Repetition Rate	up to 10 Hz SHR Mode, up to 3 Hz Pulsed Mode	NA
Cooling	DualChill contact cooling, plus integrated adapter for Zimmer Cryo 5	Contact Thermo-electric cooling (TEC)
Electrical	120/230 VAC, 20/10 A, 50/60 Hz	
Dimensions	13" x 16" x 43" (35 x 40 x 110 cm)	
Weight	110 lbs. (50 kg)	

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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