



Introducing the
Fraxel® **DUAL**
1550/1927 System



Deliver superior results with less downtime than a superficial ablative treatment

We've taken the industry leading non-ablative Fraxel re:store® system to the next level by adding a wavelength to better address pigmentation and other shallow indications on the entire body with minimal discomfort.

With the touch of a button, select either the deep penetrating Erbium fiber laser (1550 nm) or the more superficial Thulium fiber laser (1927 nm). This is the first application of the Thulium wavelength in the aesthetic market and represents our commitment to developing innovative leading edge technology.



Fraxel® DUAL 1550/1927
System benefits:

Address both deep and superficial resurfacing: First system to feature dual fiber laser technology.

Accelerated clearance of pigment: Thulium wavelength more effectively targets superficial skin layers.

More comfortable procedure: Superficial targeting of the Thulium wavelength and focal cooling improves patient comfort.

Faster treatment times: Improved scanner design increases procedure speed by 25%.

Also incorporates all the benefits of Fraxel lasers:

Predictable results: Patented continuous motion tracking system delivers safe uniform treatment with consistent results.

Simple to use: Intelligent touchscreen interface and precise dosimetry allows physician to easily select the optimal treatment settings.

Treatment versatility: Treatment of a variety of conditions on all skin types anywhere on the body.

The power of two

Addressing both deep and superficial resurfacing indications with maximum efficacy and safety, consistently for all skin types anywhere on the body.



BEFORE



1 MONTH POST TREATMENT



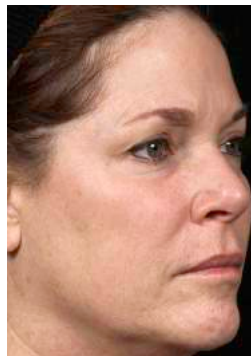
BEFORE
ENHANCED UV IMAGING



1 MONTH POST TREATMENT



BEFORE



3 MONTHS POST 1 TREATMENT

Photographs Courtesy of Solta Medical Aesthetic Center

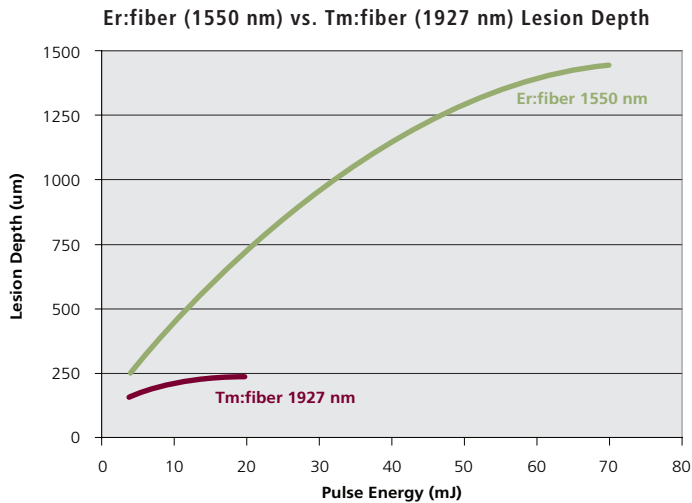


BEFORE



1 MONTHS POST 2 TREATMENTS

Photographs Courtesy of Solta Medical Aesthetic Center



PROVEN TECHNOLOGY FROM ONE OF THE MOST TRUSTED NAMES IN AESTHETICS

The advantages of having an authentic Fraxel system in your practice:

Clinically proven: More than 50 peer-reviewed publications, supported by over 35,000 histologies and over 25 FDA cleared indications.

Safe and effective: Over half a million procedures performed worldwide.

Practice support: Ongoing clinical and practice management support from our extensively trained representatives.

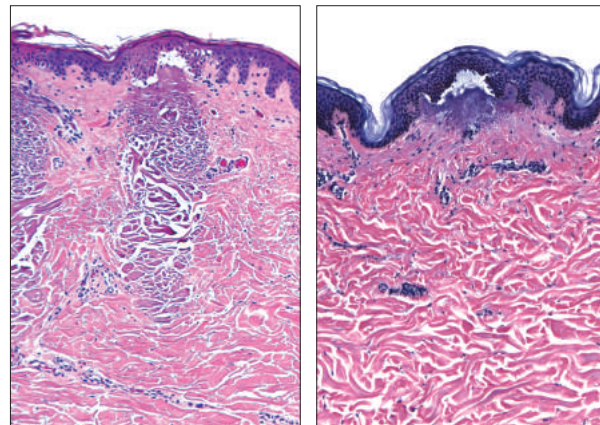
Brand recognition: Patients ask for Fraxel by name.

GROW YOUR PRACTICE

“The expanded versatility of the Fraxel DUAL 1550/1927 System, with the addition of the 1927 nm wavelength, increases the number of patients I can treat by providing a safe and very effective treatment for the pigmentation and actinic keratoses associated with photodamage.”

Dr. Roy Geronemus, New York, NY

HISTOLOGY COMPARISON – 20 mJ



1550 nm

1927 nm

H&E staining illustrating non-ablative deep treatment with the 1550 nm Erbium fiber laser and non-ablative superficial resurfacing with the 1927 nm Thulium fiber laser



FRAXEL® DUAL 1550/1927 FEATURES & BENEFITS

CONTINUOUS MOTION HANDPIECE

Lightweight, ergonomic handpiece with single operator cooling ensures that the laser creates a consistent treatment zone pattern.

FRAXEL ROLLER TIPS

Cool roller tips allow focal cooling of target treatment sites, improving patient comfort.

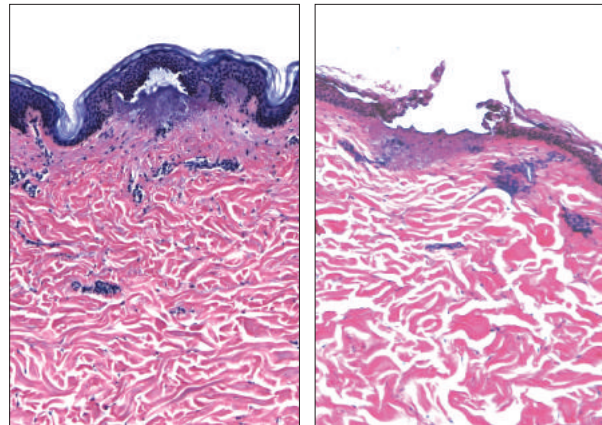
INTELLIGENT TOUCHSCREEN INTERFACE

Precise dosimetry for patient comfort and targeted indications.

DUAL FIBER LASER TECHNOLOGY

Choose between the single or dual fiber laser system. Easily select either the deep penetrating Erbium fiber laser or the more superficial Thulium fiber laser.

HISTOLOGY COMPARISON AGAINST SUPERFICIAL CO₂ – 20 mJ



Superficial non-ablative 1927 nm Superficial ablative CO₂ treatment

H&E staining of the 1927 nm Thulium fiber laser showing similar tissue damage as superficial CO₂ yet keeping the stratum corneum intact to increase the safety profile of the treatment

WHAT YOUR PATIENTS WANT – DRAMATIC RESULTS WITH MINIMAL DOWNTIME

“With this technology I can offer my patients the safety, comfort and minimal downtime of a non-ablative treatment and achieve results comparable to superficial fractional CO₂ treatments.”

Dr. Vic Narukar, San Francisco, CA

Fraxel® DUAL laser SPECIFICATIONS

LASER TYPE	Erbium (Er:fiber) Laser	Thulium (Tm:fiber) Laser
WAVELENGTH	1550 nm	1927 nm
PULSE ENERGY	4-70 mJ (per MTZ)	5-20 mJ (per MTZ)
VARIABLE OPTICAL SPOT SIZE	Optimized for maximum depth of penetration	
PULSE REPETITION RATE	Up to 2,900 MTZs per second provided by ultra high-speed scanner delivery system	

system SPECIFICATIONS

DELIVERY SYSTEM	Fiber delivery with fiber management system	
DIMENSIONS	Laser console: 19" wide x 18" high x 18" deep (48.9 cm x 45.1 cm x 44.5 cm)	
WEIGHT	Laser console: 55 lbs (25 kg)	
TIP TREATMENT WIDTH	Large tip: 15 mm	Small Tip: 7 mm
USER INTERFACE	15" touch-screen display panel	
CONTINUOUS MOTION	Handpiece movement rate of 0.3-8.0 cm/sec	
SKIN CONTACT SAFETY SENSOR	Integrated into handpiece	
LASER TRIGGER	Footswitch, treatment synchronized with hand motion	
SYSTEM TEST	Integrated self-test	
ELECTRICAL	100-240 VAC, universal input 50-60 Hz	
OPERATING CURRENT	<6A @ 120V	<3A @ 240V



SOLTAMEDICAL®



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All Before and After photos are un-retouched. Results may vary.

1550 nm indications for use: Dermatological procedures requiring the coagulation of soft tissue, as well as for skin resurfacing procedures. Dyschromia and cutaneous lesions, such as, but not limited to lentigos (age spots), solar lentigos (sun spots), actinic keratosis, and melasma, and for treatment of periorbital wrinkles, acne scars and surgical scars.
1927 nm indications for use: Dermatological procedures requiring the coagulation of soft tissue and the treatment of actinic keratosis.

INVISIBLE LASER RADIATION - Avoid eye or unintended skin exposure to direct or scattered radiation.
CLASS 4 LASER PRODUCT
Wavelength 1520 - 1560nm, 30W Max Output
Wavelength 1905 - 1945nm, 12W Max Output
Maximum Pulse Duration 10ms
IEC 60825-1:2007
Complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50 dated June 24, 2007.

