Introducing the Fraxel® DUAL 1550/1927 System
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.
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.

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**HISTOLOGY COMPARISON – 20 mJ**

- **Er:fiber 1550 nm**
- **Tm:fiber 1927 nm**

**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**

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.

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

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.
Fraxel® DUAL laser SPECIFICATIONS

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

system SPECIFICATIONS

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

INVISIBLE LASER RADIATION - Avoid eye or unintended skin exposure to direct or scattered radiation.
CLASS 4 LASER PRODUCT
Wavelength 1550 nm - 1600 nm, 30W Max Output Wavelength 1905 - 1945 nm, 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.