Tattoos have gained increasing popularity estimates of more than 45 million U.S. adults having at least one tattoo.\(^1\) However, tattoos often become a personal regret, and approximately 20% want them removed.\(^2\)

RevLite SI’s proven technology and power treat multi-colored tattoos — plus a broad range of other indications for all skin types.
RevLite SI Q-Switched Nd:YAG laser featuring the Smart Infinite™ (SI) Handpiece and PTP provides enhanced precision, power and versatility.

Tattoo Removal
• Full Color Spectrum

Epidermal and Dermal Pigmented Lesions
• Nevus of Ota
• Sun Damage

Skin Resurfacing
Wrinkle Reduction
Acne Scar Reduction

Laser treatment of tattoos and pigmented lesions will expand with aging populations in the U.S., Europe and Asia. Worldwide procedures are expected to reach 7.5 million in 2017, generating $1.3 billion in fees3.
PhotoAcoustic action, high peak power and short pulse duration, impacts the target molecule — tattoo ink, pigments or collagen — without harming the surrounding skin. RevLite SI’s true flat-top beam profile delivers high energy evenly over the skin’s surface which significantly minimizes epidermal injury.

Greater efficacy and comfort with nearly 60% more power*...

PhotoAcoustic Technology Pulse (PTP) provides a unique nanosecond pulse dispersion, delivering up to 1.6J/cm² at larger spot sizes. Ideal for skin resurfacing.
Unmatched Treatment

**Smart Infinite™ (SI) Handpiece** provides continual 0.1mm micro-adjustments in spot size - all in one handpiece.

- Easily select the largest spot size with the highest fluence for faster treatments: from 1.5-8.5mm in 1064nm wavelength, and 1.2-6.0mm in 532nm wavelength.
- Spot size setting is automatically communicated to laser control, making spot size changes quicker and easier than ever.
- Intensity of aiming beam remains constant as beam diameter changes, allowing for more precise treatments.

**One Laser, Four Wavelengths, Unlimited Potential**

1064 nm    532 nm    585 nm

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**532Lite Handpiece** provides very low fluences at smaller spot sizes in continual 0.1mm micro-adjustments, from 1.2mm-3mm for treatment of pigmented lesions.
One Laser, Four Wavelengths, Unlimited Potential

- Easily select the largest spot size with the highest fluence for faster treatments: from 1.5-8.5mm in 1064nm wavelength, and 1.2-6.0mm in 532nm wavelength.
- Spot size setting is automatically communicated to laser control, making spot size changes quicker and easier than ever.
- Intensity of aiming beam remains constant as beam diameter changes, allowing for more precise treatments.

Unmatched Treatment Flexibility

Optional features provide continual 0.1mm micro-adjustments in spot size—all in one handpiece.

MultiLite Dye Handpieces extend the wavelength capabilities of the laser to include 585nm (yellow) and 650nm (red) for the treatment of tattoos and pigmented lesions.
Before

After 2 Tx

Before

After 3 Tx

Before

After 6 Tx

Before

After 4 Tx

Before

After 3 Tx

Before

After 4 Tx

Before

After 6 Tx

Before

After 2 Tx

Before

After 4 Tx

Before

After 3 Tx

Before

After 2 Tx
<table>
<thead>
<tr>
<th>System Type</th>
<th>Nd:YAG</th>
<th>532Lite Handpiece</th>
<th>Dye Impregnated Polymers</th>
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</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>1064 nm</td>
<td>532 nm*</td>
<td>585 nm* 650 nm*</td>
</tr>
<tr>
<td>Pulse width</td>
<td>5-20 nsec</td>
<td>5-20 nsec</td>
<td>&lt;7 nsec</td>
</tr>
</tbody>
</table>

**Energy**

| WAVELENGTHS: | 1064nm, 532nm, 532nm*, 585nm*, 650nm* |

**Pulse Width**

| WAVELENGTHS: | 5-20 nsec, 5-20 nsec, <7 nsec |

**Maximum Fluence per Spot Size**

<table>
<thead>
<tr>
<th>SPOT SIZE</th>
<th>8.5mm</th>
<th>8mm</th>
<th>6mm</th>
<th>4mm</th>
<th>3mm</th>
<th>2mm</th>
<th>1.5mm</th>
<th>1.2mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluence</td>
<td>2.1 J/cm²</td>
<td>2.3 J/cm²</td>
<td>4.2 J/cm²</td>
<td>9.4 J/cm²</td>
<td>12 J/cm²</td>
<td>12 J/cm²</td>
<td>12 J/cm²</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>2.1 J/cm²</td>
<td>2.3 J/cm²</td>
<td>4.2 J/cm²</td>
<td>9.4 J/cm²</td>
<td>12 J/cm²</td>
<td>12 J/cm²</td>
<td>12 J/cm²</td>
<td>—</td>
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</tbody>
</table>

**PTP Mode**

<table>
<thead>
<tr>
<th>SPOT SIZE</th>
<th>8.5mm</th>
<th>6mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluence</td>
<td>2.7 J/cm²</td>
<td>5.5 J/cm²</td>
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<tr>
<td>maximum</td>
<td>10 Hz</td>
<td>10 Hz</td>
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</tbody>
</table>

**Aiming Beam**

- red, variable intensity

**Electrical Requirements**

- 220 V, single phase, 8 Amp, 50/60Hz, 10 Amps at 220V AC

**Size (H x W x D)**

| SIZE | 113 cm x 30.5 cm x 72.5 cm |

**Weight**

| WEIGHT | 59.4 kg |

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**Sources**

1. Harris Interactive, 2012
2. Harris Interactive, 2013