

PRODUCT SPECIFICATIONS

Type	Flashlamp-excited Er:YAG Laser																
Wavelength (nm)	2940																
Output Mode	Multimode																
Average Power	20 Watts																
Energy Per Pulse	2 Joules																
Pulse Characteristics	<p><i>Pulse Duration</i></p> <p>500 μs 3, 5, 7, or 10 pulses per second repetition rate</p> <p>4000 μs 2, 3, 4, or 5 pulses per second repetition rate</p> <p>7000 μs 2, 3, 4, or 5 pulses per second repetition rate</p> <p>10000 μs 2, 3, 4, or 5 pulses per second repetition rate</p>																
Safety Eyewear Required	4.0 O.D. at 2.94 μ m																
Cooling Method	Water, internally circulated with heat exchanger to air																
Beam Delivery	Treatment handpiece connected to laser via an articulated arm																
Handpiece Characteristics	<table border="0"> <thead> <tr> <th></th> <th><i>Color</i></th> <th><i>Spot Size</i></th> <th><i>Beam Divergence</i></th> </tr> </thead> <tbody> <tr> <td>3 mm handpiece</td> <td>Red</td> <td>3 mm \pm 0.5 mm</td> <td>1/2 angle, 43^o*</td> </tr> <tr> <td>5 mm handpiece</td> <td>Black</td> <td>5 mm \pm 0.5 mm</td> <td>1/2 angle, 43^o*</td> </tr> <tr> <td>7 mm handpiece</td> <td>Clear</td> <td>7 mm \pm 0.5 mm</td> <td>1/2 angle, 43^o*</td> </tr> </tbody> </table> <p>* Beam divergence 1/2 angle means the spot size is within 1 mm of listed size for a working distance within \pm 0.25" of the focus point.</p>		<i>Color</i>	<i>Spot Size</i>	<i>Beam Divergence</i>	3 mm handpiece	Red	3 mm \pm 0.5 mm	1/2 angle, 43 ^o *	5 mm handpiece	Black	5 mm \pm 0.5 mm	1/2 angle, 43 ^o *	7 mm handpiece	Clear	7 mm \pm 0.5 mm	1/2 angle, 43 ^o *
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Aiming Beam																	
Laser Type	Semiconductor																
Wavelength	635 \pm 5 nm (red)																
Size (HxWxD)	122 cm x 47 cm x 56 cm (48" x 18.5" x 22")																
Electrical Requirements	220 VAC, 8A, 50/60 Hz, Single Phase or 115 VAC, 16 A, 60 HZ, single phase																

