

## **SPECTRUM LAUNCHES NEW SPECTRALASE ELITE DIODE LASER**

Orinda, CA, March 1, 2010 - Spectrum Lasers Inc announced the release today of its 6th generation dental diode laser SPECTRALASE ELITE for sale in the US. Renowned laser physicist Dr. George Bekov has developed SPECTRALASE ELITE which features several critical internal design changes from previous models to offer a more advanced and reliable laser. Major changes include a unique self adjusting ElitePulse mode. Years of medical community research influenced Dr Bekov to create a pulse mode using short pulses with a duration of 10 millionths of a second and an amplitude of 6-7 watts. These power levels are high enough to cause coagulation of surface tissue and have bacteriocidal properties. Spectralase Elite automatically adjusts the pulse width depending on the wattage setting. Research and clinical experience has led Spectrum to conclude that this combination of variable pulse width and pulse interval is optimal for laser performance and tissue health.

The wavelength has been upgraded from 810 nm to 980 nm since studies prove 980 nm light is absorbed more efficiently at the tissue surface with depth penetration at least 5 times less than with the 810 nm laser beam.

“An advanced pulse mode is essential for precision, control, patient comfort, and disinfection. We believe ElitePulse is the most advanced pulse mode in dentistry”. We emphatically believe Spectralase Elite is the highest quality, safest, and most advanced dental diode laser in the world. Our goal is NOT to be the lowest priced laser, but to manufacture the highest quality laser at a reasonable price.” said Bob Cobley, President of Spectrum Lasers Inc. Even with these upgrades Spectrum has reduced their selling price to \$4,995 and includes a 3 year warranty.

### **About Spectrum**

Spectrum lasers have been hand made in San Francisco since 2006 by a laser physicist (PhD) with over 30 years experience manufacturing medical and excimer LASIK surgery lasers. Only superior quality components are used with attention to every detail including a premium quality diode laser module with a lifetime of 5000 hrs, safety tested to medical standards, and energy calibrated to +/-2%. Over 1200 orthodontists are satisfied clinicians.

For further information <http://www.spectralasedental.com>

or contact [bcobley@spectralsedental.com](mailto:bcobley@spectralsedental.com) direct line 925-788-3954