



**GENERAL DENTISTRY
ENDODONTICS
ORTHODONTICS
PERIODONTICS**



Soft Tissue Diode Laser
980nm
0.1 to 7 Watts
Super Pulses



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DCLase is the most advanced dental diode laser on the market. It is specially designed to perform the soft tissue procedures in a least invasive and less traumatic manner. DCLase 980nm helps reduce healing time while providing simultaneous hemostasis; all while achieving minimal charring of the tissue.

While being well absorbed by melanin and hemoglobin, the 980nm wavelength is more absorbed by water than the 810nm. Water irrigation may be used while you ablate tissue to control collateral thermal damage. Water cools down the tissue and limit thermal damage to surrounding tissue. It minimize the area of necrosis and charred tissue and provides fast patient recovery.

**980nm
+
HIGH POWER
+
SUPER PULSES**

DCLase has a Super Pulsed mode (from 50µs to 30sec)

The combination of super pulses, high power, water and 980nm provide a smooth, fast cutting even with fibrous tissues.

Power up to 7 watts gives the ability to expedite procedures with the high fluency technique. 7 watts guarantee excellent results with laser tooth whitening.

With 7 watts of power, there is nothing you will not be able to do when it comes to soft tissue.

With a higher absorption in hemoglobin, oxyhemoglobin and water; studies prove the laser's ablating efficiency is significantly enhanced. The 980nm wavelength takes advantage of the 70% water content of the tissue which allows the high absorption of its radiant light energy into the tissue.