

THE SOLEA[®] DENTAL LASER: A CUT ABOVE

New technologies become great new technologies when they change people's lives. The Solea dental laser operates at a unique wavelength with sophisticated, yet simple computer controls that enable high-speed, precision cutting on both hard and soft tissue. Solea works on everything from gingiva and dentin to enamel and bone.

9.3 μm CO₂ LASER

Solea performs entirely differently than any laser before. Solea emits a 9.3 μm wavelength, which nears the peak absorption of hydroxyapatite.

The result? Solea actually vaporizes enamel, giving you the power to work anywhere in the oral cavity, from any angle, with speed and ease. Whether you are working on virgin teeth or replacing old restorations, Solea is the right tool for the job. And for soft tissue, you will love how it allows you to feather into cuts with more speed, precision and less bleeding than you ever imagined.



GALVOS

Solea's powerful 9.3 μm beam is optimized by galvos – computer-controlled motors that move mirrors inside the handpiece. The mirrors manipulate the beam thousands of times per second, creating patterns that are perfect for the tissue you are cutting, be it enamel, bone, dentin or soft tissue. These patterns vary in diameter from .25mm to 1.25mm allowing you to choose the right spot size for the job at hand. They also dictate cutting properties from smooth to course and from fast to very fast. Galvos facilitate speed, accuracy and control unprecedented in a dental laser.

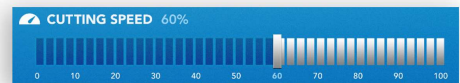
SPOT SIZE

Solea is the only dental laser that allows you to select a spot size specific to the job at hand. No more focusing and defocusing affecting power and speed as you go. You simply select the desired spot size and the computer does the rest, no compromises.



VARIABLE SPEED FOOTPEDAL

Solea's variable speed footpedal is unique among lasers in dentistry. The harder you press, the faster it cuts – there's rarely a need to stop and change settings. Solea increases control, saves time, and makes for an intuitive, easy transition from the drill.



HANDPIECES

Solea has three handpieces – the Contra-Angle, Straight and Ultraguide. All three handpieces are crafted from stainless steel, ergonomically designed to feel virtually weightless in your hand. The Contra-Angle and Straight handpieces are the go-to tools for basic hard and soft tissue procedures. The Ultraguide uses hollow waveguide attachments of various sizes designed specifically for soft tissue cutting and accessing the periodontal pocket.



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