Diode lasers in dentistry are more capable than most practitioners might think. However, the most important fact is that using the gadget should be intuitive and easy—despite multiple therapy possibilities. For little surgical interventions, the BluLase Mini by BluLase is the best way to perform.

The handy, pencil-shaped tool is light-weighted but full of energy: it has a maximum output power of 2.5 W in pulse mode, lower services of 0.7 W and 1.7 W are available as a continuous wave (CW) as well as 300 mW especially for photodynamic therapy. Only two buttons are sufficient to run the BluLase Mini, the feedback of the device takes place via a multi-coloured light-emitting diode, which informs the user about the set power. Thanks to the quick-change battery with a charging station, the BluLase Mini is continuously ready for use. Beside the classic diode laser indications, both BluLase 810 PDT and BluLase Mini were designed for the Photodynamic Therapy (PDT). A TBO-based dye could be developed through extensive studies, which offers a high efficiency of laser wavelength of 810 nm. The focus in PDT lies on the endodontia, periimplantitis and periodontitis.

BluLase opines that even the best gadget cannot show its advantages without a professional instruction. Therefore, the sales and services were spun off exclusively to the dental company Schneider Dental in Pilsach, Germany. So instead of a mail sending the device is delivered personally and assembled locally, an extensive briefing by doctor and staff generally takes place before the handover. Additionally, the BluLase Academy by Schneider Dental offers trainings at regular intervals.

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Fotona

Erbium laser with patented technologies

Fotona’s booth at IDS allowed visitors to get a first-hand look at the company’s award-winning LightWalker AT S dental laser. Renowned international dental laser experts were on hand around the clock at the company’s booth to answer questions and demonstrate the laser’s advanced capabilities, especially with difficult-to-treat conditions such as peri-implantitis.

The dental laser’s state-of-the-art design, engineering and patented technologies have made it one of the world’s fastest-cutting Erbium laser, outperforming even rotary burs in terms of speed and precision, while simultaneously offering a wide range of highly effective hard- and soft-tissue treatments. Typical procedures with this laser are faster, easier to perform, less painful and require shorter healing times compared to conventional treatments.

The LightWalker AT system includes high-performance Er:YAG and Nd:YAG lasers, 20 W of power and Fotona’s patented VSP and QSP pulse technologies for best possible performance and control during over a wide range of applications, from simple cavity preps to implantology and endodontics. LightWalker AT is also the first Erbium dental laser on the market with digitally controlled handpiece technology (X-Runner®), offering dentists new treatment possibilities and higher levels of precision.

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