



**Fotona**

## A new generation of lasers, tailored for your practice

Fotona's SkyPulse is a compact, portable and multifunctional Er:YAG dental laser that treats a wide variety of indications including endodontics, periodontics, peri-implantitis, caries removal, desensitisation and ceramic debonding. The SkyPulse platform features a special SSP mode for effective irrigation of the entire root canal, and SWEEPS technology (shock wave enhanced emission photoacoustic streaming) which enhances non-thermal photoacoustic shock waves generation, resulting in improved cleaning and debridement of the endodontic system. SkyPulse's unique articulated fibre delivery makes the handling of the 360° swivel handpiece extremely flexible and virtually without resistance, eliminating fatigue and enabling easy access to any treatment site. In addition, with the latest technology graphical user interface, you can select preset options with a simple touch or adjust the treatment parameters with a simple swipe.

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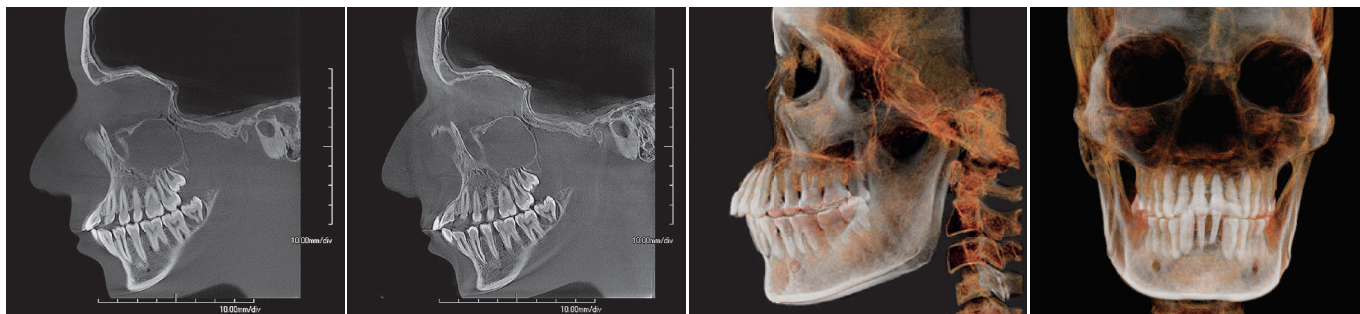
**PreXion**

## Superior 3D image quality with low radiation exposure

With many 3D-imaging systems today, good image quality is usually accompanied by high radiation exposure. Developed specifically for the European and US-American market, the new CBCT system PreXion3D EXPLORER offers the highest possible image quality at the lowest possible radiation levels. With a specifically controllable pulse generator, radiation is generated only when necessary to achieve the highest imaging quality. For a 20-second-long scan in ultra-HD 3D-mode, radiation exposure is only between 4.4 and 5.8 seconds. For a 10-second-long scan in standard scan 3D-mode, it is a mere 3.2 seconds. The small voxel size enables a more detailed representation of even the finest hard and soft tissue structures in ultra-high definition. The short image reconstruction times

ensure a seamless workflow. The PreXion3D EXPLORER convinces with easy handling and extensive planning programmes that cover the entire range of indications. With the 3D-analysis function, fields of view (FOV) sizes of 50x50, 100x100, 150x80 and 150x160 mm can be generated, offering numerous flexible diagnostic options for oral surgery, implantology, periodontology, endodontics, orthodontics, and general dentistry.

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100µm voxel size.

74µm voxel size (PreXion3D EXPLORER).

3D image with a 150x160 mm field of view.