I-Max 3D from Owandy helps clinician to take leap into 3-D imaging

By DTI

CROISSY-BEAUBOURG, France: Every dentist can now make the leap into the 3-D era with the I-MAX 3D from Owandy Radiology. A realistic diagnostic option for almost everyone, the new device is the result of unrivalled technological and manufacturing expertise, and like the I-Max before it remains the most comprehensive, compact and lightweight model on the market, according to the French manufacturer.

With a weight of just 66 kilograms and an exclusive “Easy to Install” system, this panoramic unit comes fully assembled, requiring just one technician to install it in situ. As with every intraoral generator, the I-Max 3D can be easily mounted to a wall. According to the company, the I-Max 3D offers outstanding performance and excellent image quality to lower purchase, delivery and installation costs. With its sleek, sophisticated and slender design, the I-Max proves to be an attractive and valuable asset for every clinic.

Equipped with a 3D Cone Beam sensor, the I-Max 3D enables clinicians to carry out high definition (87 µm) examinations, making the diagnostic process easier. Through its ALI-S (Automatic Layers Integration System), the unit directly and automatically selects the best sections in order to display a perfect, high definition image without any form of operator involvement. The multi-FoV system supports examinations in 9 x 9 cm (full mouth) and 9 x 5 cm (full arch) formats for implantology, with a 5 x 5 cm option for endodontic diagnostics. The I-Max 3D also offers a wide range of 3-D programmes for more in-depth examinations. The combination of an ultra-sensitive sensor with an extremely short exposure time helps to considerably reduce X-ray dose emissions.

Making the unit more than just another 3-D imaging device, the I-Max 3D also comes with a range of ingenious programmes to help clinicians to optimise their day-to-day practice needs as well as to create models and impressions for implant surgery that’s both safe and convenient. The combination of the I-Max 3D and QuickVision 3D software allows to create surgical guides that are ready to print, without any assistance. QuickVision 3D further simulates implant positioning and lets operators import STL files from their laboratory or dental impressions camera. The functionalities of the QuickVision 3D software (such as oblique MPR mode), together with its compact 5 x 5 cm format, make it possible to view images in line with patients’ teeth, particularly in endodontics.

For dentists who are not sure about taking the leap into 3-D imaging, Owandy Radiology offers a number of tutorial videos on its YouTube channel.

A solution for polishing all-ceramics

By DTI

SINGAPORE: For clinicians frustrated with polishing zirconia restorations, Shofu offers a unique colour co-ordinated, three-step diamond impregnated polishing system. The ZilMaster is the solution to the smoothest surface finish and high gloss polish on all modern metal-free ceramics such as zirconia or lithium disilicate, the company said.

Designed with an excellent balance of diamond particle size, distribution and a resilient silicon binder, ZilMaster polishers eliminate even the finest scratches while smoothening hard Zirconia surfaces to obtain a lustrous polish that lasts.

According to SHOFU, ZilMaster is available in a variety of shapes and shanks for both extra (HP) and intra-oral (CA) application.