

Morita's unique image quality for every practice

Different dental specialties have different imaging requirements. General dentists, for example, will have different expectations of their X-ray systems from, say, oral and maxillofacial surgeons or endodontists. The family-owned Japanese company Morita with its long tradition of excellence has realized this and developed a system that is suitable for the general dental practitioner – the Veraviewepocs 3D R100. Even users whose budget is not unlimited can thus benefit from Morita's unique image quality. The system has revolutionized 3D X-ray diagnostics and continues to set standards. For clinics with high-end expectations, Morita has redefined the top class of X-ray combination systems with its Veraview X800. Images of outstanding quality – more than 2.5 lp/mm at 10% MTF and a voxel size of 80 µm – support precision diagnoses even under the most challenging circumstances.

General dentists and dental specialist alike want to treat their patients based on a meaningful diagnosis. Exactly what that means can vary depending on the degree of complexity of the “average case.” For example, endodontists may attach greater importance to an extremely high resolution and a multitude of recording volumes, whereas such high-end features will not necessarily add a lot of tangible value to the practice of a general dentist. Here, using an imaging system characterized by above-average but not maximum resolution, coupled with simple and safe operation, may be the most sensible approach.

For users with this profile, the Veraviewepocs 3D R100 is a suitable solution. Not only does it offer outstanding image quality in its 2D and 3D images, it also makes the dentist's work easier by offering a selection of useful features. For example, it has innovative functions for automatically reducing the radiation dose in relation to patients, a permanent automatic exposure system for panoramic images, six fields



of view that can be selected depending on the clinical indication – and the so-called Panoramic Scout, which can be used intuitively and reproducibly to reliably select the target areas for 3D images. Re-exposure of the patient to radiation because the initial position was incorrect is thus avoided. All in all, the Veraviewepocs 3D R100 is very easy to handle and delivers excellent results.

However, if the imaging requirements are in the absolute high-end range, for example in a practice specializing in endodontic or implantological treatments or in oral and maxillofacial surgery, the Veraview X800 is the combination system of choice. It has an enormously high resolution – up to 2.5 lp/mm at 10% MTF and a voxel size of 80 µm – and delivers outstanding 2D and 3D image quality. The 360° rotation reduces the incidence of artefacts and produces a level of quality that simply cannot be achieved with 180° systems. Depending on the indication, users can choose between 360° and 180° scanning and 11 fields of view choose from. Brilliant panorama shots are made possible by a groundbreaking automatic image optimization system, based on real data.

With its dual offering of the Veraviewepocs 3D R100 and the Veraview X800, Morita has the right imaging solutions for general dentists and for specialists – always appropriate for the indication at hand, delivering high-quality and low-lasting value, they are contemporary diagnostics tools that meets the needs of any practice.

More information about the Veraviewepocs 3D R100 and the Veraview X800 can be found at www.morita.com/europe.

Illustrations:



Fig. 1: Excellent 2D and 3D image quality, far above average, helps dentists achieve high-precision diagnoses: the Veraviewepocs 3D R100 from Morita.



Fig. 2: With the Veraview X800, MORITA has redefined the top class of X-ray combination systems.

– Photos: Morita