



AIR TECHNIQUES

# ProVecta 3D Prime

Take diagnostics to the next level with high-quality 2D and 3D imaging in one unit



### VIDEO

See how ProVecta 3D Prime combines diagnostic flexibility, ease of use, and lower radiation dose to maximize your diagnostic capabilities.



Today's patients are more informed than ever about dental treatments and technology options. They not only embrace technology, they expect it in the operatory daily. The modern imaging capabilities of the ProVecta 3D Prime from Air Techniques allow both patient and clinician to see all they need to see.

ProVecta 3D Prime was developed to offer true-imaging flexibility. In addition to a versatile 3D imaging system, ProVecta 3D Prime provides brilliant 2D panoramic images that can be taken in a short scan time of 7 seconds.

"The ProVecta 3D Prime was designed to provide excellent imaging quality, efficient dosage, quick scan times, and ease of use," said Nikolaus Walch, Diagnostics Imaging Product Manager for Air Techniques.

The high-resolution Csl flat panel sensor creates 3D and 2D images. Patients benefit from a decreased radiation dose because of the anatomically adapted volume that reduces radiation up to 62% in standard definition. ProVecta 3D Prime also features patient facing positioning and an intuitive 7" touchscreen.

"3D positioning is incredibly easy and can be done facing your patient using only 2 guide lasers, while 17 2D program options allow more images to be taken with less hassle," Walch stated.

ProVecta 3D Prime enables dentists to verify implant requirements, root or jaw fractures, hyperplasia, or dysplasia needs. A unique 130 x 85-mm jaw-shaped anatomically adapted volume encompasses all treatment areas without the nonrelevant anatomy. This volume is visibly larger than the most commonly used volume of 80 x 80 mm.

"The adaptive jaw-shaped volume is a unique capability because it allows the clinician access to all dental anatomy while excluding less relevant and sensitive tissue," said Walch.

Included with ProVecta 3D Prime is VisionX Software, a powerful imaging tool that provides



implant visualization with 3 streamlined 3D views—Panoramic, TSA, and MPR. Each view is designed to help find the optimum views; for example, the nerve channel can be easily drawn to best measure treatment options.

"VisionX is an open platform, and was developed after years of research into making the software intuitive and versatile. It saves clinicians time by storing many image formats so that intraoral images, x-rays, and CBCT images can be viewed from the same platform," Walch concluded.

## TOP 5 FEATURES OF PROVECTA 3D PRIME

- 1 3D and 2D images from one unit
- 2 Anatomically adapted jaw-shaped 3D image includes all dentition, including third molar area
- 3 High-resolution Csl flat-panel sensor creates high-quality 3D and 2D images
- 4 Efficient radiation dose because of anatomically adapted volume and sensor technology
- 5 Maximized workflow with quickly rendered 3D volumes



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