



**DREAM
TEAM**

Watch this video to see how the ProVecta HD and ScanX Swift work together to provide clear digital x-rays.



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AIR TECHNIQUES

ProVecta HD

Smaller focal point of x-ray unit designed to bring greater contrast resolution, sharper edge definition, and finer details of internal structures

Today's dental patients embrace technology. In fact, they pretty much expect it in the dental operator. Thus, the need to have a modern imaging system in the practice is immeasurable.

In radiography, image sharpness is reliant on the focal size of the x-ray tube and the focal point where electrons strike to generate an x-ray. The smaller the focal point, the greater the contrast resolution and the better the image. Air Techniques applies this basic principle of physics with its ProVecta HD intraoral x-ray unit.

While most x-ray units have a 0.7 mm focal point, the ProVecta HD features a 0.4 mm focal point for maximum image sharpness. The smaller focal spot of ProVecta HD allows for a greater contrast resolution, providing sharper edge definition and finer details of internal structures.

"As a practitioner, I am diagnosing in a much more confident and clear fashion with large and clear images," said Dr. Jerry Martin, who chose the ProVecta HD because of its quality, appearance, light weight, and ease of use.

ProVecta HD's generator head handle allows precise positioning, making the process more comfortable for both the clinician and the patient. The intuitive control panel enables faster workflow and fewer errors with user-friendly icons for quick and accurate selection of tooth area (front, premolar, molar, and bitewing) and size of patient (adult/child).

"The hygienists and assistants really appreciate the smooth and effortless operation of this unit," Dr. Martin said. He added, "Every day, new patients having their initial exam will comment on how impressed they are with our digital radiography and imaging equipment, software, and large monitors."



Jerry Martin, DDS

**"YOU DON'T REALLY
KNOW WHAT YOU ARE
MISSING UNTIL YOU USE
THIS UNIT."**

ProVecta HD's DC technology allows constant radiation levels to ensure reliable image quality. The DC tube reduces the patient dose by more than 25% in comparison to conventional AC units, ensuring greater safety for the patient and clinician.

"Patients treated in this environment of digital radiography know they are receiving the least possible amount of radiation to produce quality images. Oftentimes, it is less than half the radiation of nondigital radiography," said Dr. Martin. "And remember, these patients who are impressed and excited about what they are experiencing and seeing are much more likely to refer their friends and relatives to the office."