

USING EXTRAORAL PANORAMIC RADIOGRAPHS FOR BITEWINGS



THE MIDMARK VANTAGE DIGITAL PANORAMIC SYSTEM IS A HIGH-QUALITY OPTION FOR PANORAMIC RADIOGRAPHY OF EXTRAORAL BITEWINGS.

The Midmark Vantage X-ray system is one of the few panoramic X-rays using state-of-the-art three-motor rotation technology—and at a great value!

The Vantage three-motor system allows a more extensive range of motion than a standard two-motor system. With movement that more closely matches the shape of a human jaw, it delivers a higher level of alignment for the X-ray beam and focal trough to the patient anatomy and results in superior image quality.

BENEFITS OF EXTRAORAL BITEWINGS:

1. Increased patient comfort and improved infection control—Extraoral imaging eliminates the need to place an intraoral sensor in a patient's mouth, which is a process that often stimulates saliva production and can trigger gag reflexes leading to coughing.

2. Easier patient positioning and improved workflow—Panoramic X-rays use a small bite stick and can take the bitewing X-ray in one shot.

This process eliminates the need to take four separate bitewings, thereby reducing time to take images.

3. Improved diagnoses—Panoramic images show a greater view of the dental anatomy, enabling a better diagnosis compared to intraoral bitewings. They also provide lower radiation dosage compared to taking four intraoral bitewings.

01 Able to take different paths due to the third motor, the Vantage bitewing projection—made with the X-ray perpendicular to the jaw—is an improved orthogonal program, helping open the interproximal contacts for diagnostic evaluation of bitewing images.

02 Since it x-rays only the required anatomy, the Vantage enhanced panoramic bitewing delivers 30% less radiation dose than the standard panoramic.



Midmark Vantage Digital Panoramic System is proudly designed and manufactured in the USA.