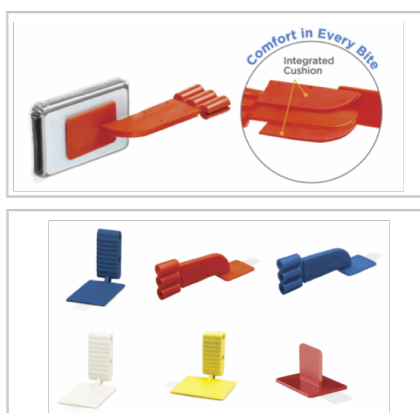


AN EVOLUTION IN DENTAL RADIOGRAPHY TOOLS

Pac-Dent's New EzAim® X-Ray Collimator Positioning System offers enhanced accuracy, lowers radiation exposure, and provides greater operational efficiency.

Capturing accurate, high-quality intraoral radiographs remains a daily challenge for dental professionals. Traditional positioning systems often involve multiple components, leading to constant fumbling and tedious processing. Clinicians are often forced to focus on locating lost components and sanitizing instead of providing efficient, streamlined patient care. The EzAim Defend 3-in-1 Collimator Positioning System from Pac-Dent offers a simplified, efficient alternative. By integrating multiple functions into one compact device, this innovation addresses several of the pain points of traditional intraoral imaging.



eration, which is critical for capturing quality images with fewer retakes. This is particularly valuable in geriatric and pediatric cases, where anatomical and behavioral challenges often complicate imaging.

Easy System Integration

Designed to work with most standard X-ray arms, the EzAim Defend accommodates both digital sensors and traditional film systems. This flexibility allows for ideal integration in a wide array of different clinical settings, including practices with primarily digital workflows, in addition to hybrid practices that use both digital sensors and film. By removing the need for additional parts and streamlining the transition between imaging positions, the EzAim Defend system simplifies the imaging workflow and allows for more consistent results. By expediting the setup and positioning process, practices can improve their time management across all types of appointments.

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Reducing Radiation, Increasing Precision

Another key and unique feature of the EzAim Defend is the built-in X-Ray collimator, which

helps reduce scatter radiation by narrowing the beam to the area of interest and minimizes patient radiation exposure. This not only promotes safer radiographic practices but also enhances image quality by increasing contrast and reducing noise. The system aligns with ALARA (As Low As Reasonably Achievable) principles, reinforcing the commitment to both patient safety and diagnostic precision.

The EzAim Defend 3-in-1 Collimator Positioning System presents a thoughtful evolution in dental radiography tools. Its all-in-one design delivers enhanced accuracy, improves patient comfort, lowers radiation exposure, and provides greater operational efficiency. The system's compatibility and cost-effective approach makes it a valuable asset to any practice aiming to modernize and streamline its imaging workflow. As dentistry continues to evolve toward patient-centric, technology-driven care, innovations like the EzAim Defend system highlight the importance of practice efficiency without compromise. ■

Three Positions, One Ring

At the core of the EzAim Defend system is a smart, consolidated design that combines an X-ray collimating aiming ring, a positioning arm, and a sensor/film holder into a single unit. It supports three essential intraoral radiographic positions, including bitewing, posterior, and anterior, with just one device. Whether used by seasoned professionals or newer team members, the system enhances imaging efficiency, reduces preparation time, and minimizes the likelihood of retakes. With fewer individual parts, the number of items that need to be cleaned, tracked, or replaced is reduced, which is especially beneficial for high-volume practices.

A More Comfortable Patient Experience

The EzAim Defend System's sensor/film holders feature a slim, cushioned bite surface designed to enhance comfort during imaging, especially for posterior imaging and patients with smaller mouths, limited opening, or a strong gag reflex. This ergonomic design promotes accurate positioning while reducing discomfort, making the process more tolerable for patients. Greater patient comfort can lead to better coop-

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