

EzAim® Defend 3-in-1

X-Ray Collimator Positioning System

Instructions for Use



Passion for Excellence

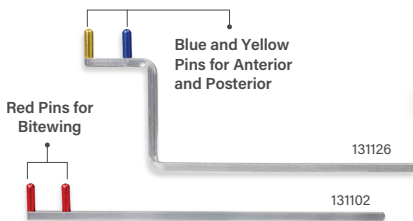
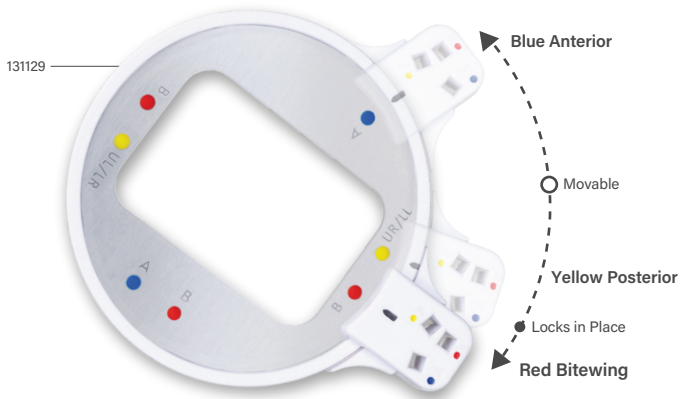


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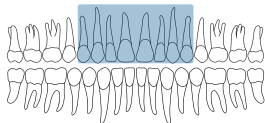
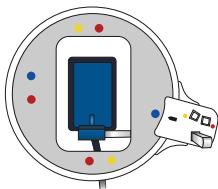
EzAim® Defend 3-in-1



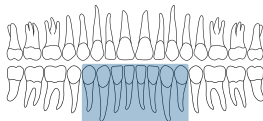
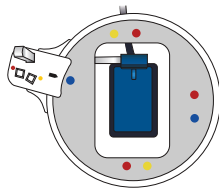
Blue Anterior



Align the indicator ■ with the blue dot ● for anterior shots.



Maxillary anterior region



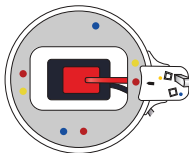
Mandibular anterior region

Red Bitewing

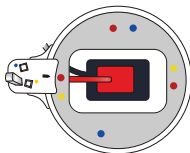


Horizontal

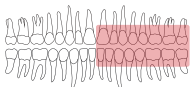
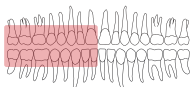
Align the indicator  with the red dot  for bitewing shots.



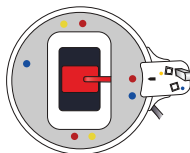
Left maxillary and mandibular teeth



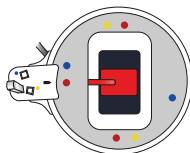
Right maxillary and mandibular teeth



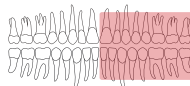
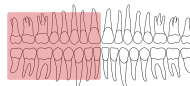
Vertical



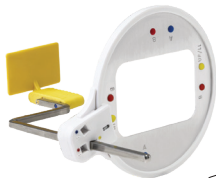
Left maxillary and mandibular teeth



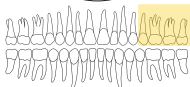
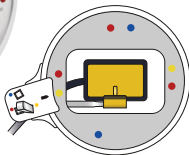
Right maxillary and mandibular teeth



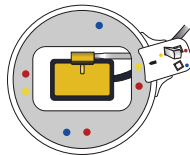
Yellow Posterior



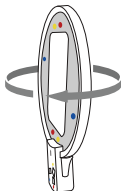
Align the indicator  with the yellow dot  for posterior UR and LL shots.



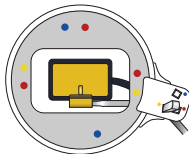
Upper right molars



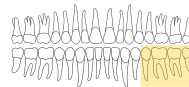
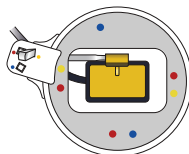
Lower left molars



Flip the ring to the other side and align the center of tab to the yellow dot  for posterior UL and LR shots .



Upper left molars



Lower right molars

Device Description

The EzAim Defend 3-in-1 Collimator Positioning System features a compact and lightweight design that eliminates extra parts needed for dental imaging, streamlining the imaging process and protecting patients from excess radiation exposure, adhering to the ALARA (As Low As Reasonably Achievable) standard.

Indications for Use

The EzAim Defend 3-in-1 Collimator Positioning System is intended to assist in the accurate positioning of digital sensors, PSP plates, and film for precise dental imaging while reducing excess radiation exposure.

Precautions

- Use a barrier sleeve when using corded sensors.
- Avoid pulling on sensor cords.
- Follow sterilization instructions to avoid damage to plastic parts.

Warnings:

- Sterilize before use using steam sterilization only.
- During sterilization, plastic parts must be placed in a separate sterilization pouch from metal parts.
- Do not use phenol-based glutaraldehyde, ultrasonic cleaners, chemical sterilizers, hot air sterilizers, or cold sterilization methods.
- Do not exceed 273°F (134°C).

Warnings (Continued):

- Using unapproved methods or failing to follow validated sterilization procedures may cause cross-contamination and damage components.
- Do not sterilize disposable sensor holders.

Residual Risks: Improper reprocessing may leave toxic residues or cause patient cross-contamination.

Reprocessing Instructions (Arm and Ring):

1. Separate arms and rings prior to cleaning.
2. Rinse the disassembled device with hot water and soap, or mild dishwashing liquid to remove visible residue.
3. Separate dry metal and plastic components into separate sterilization pouches.
4. Place sterilization pouches into the middle tray of the autoclave, ensuring sufficient distance to the walls of the autoclave and heating element.

Conditions for Sterilization:

Steam Sterilization Cycles:

a. Pre-vacuum:

- Temperature: 270° F (132° C)
- Exposure Time: 3 minutes
- Dry Time: 16 minutes

Conditions for Sterilization (Continued):

b. Steam-Flush Pressure Pulse:

- Temperature: 270° F (132° C)
- Exposure Time: 3 minutes
- Dry Time: 16 minutes

c. Gravity Steam Sterilization:

- Temperature: 270° F (132° C)
- Exposure Time: 10 minutes
- Dry Time: 15 minutes

Storage

Keep sterilized devices in pouches until use. Report any serious incidents involving the device to the manufacturer and local authority.



Made in China



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#131127-IS01 Rev.090525

EzAim[®]

X-Ray Positioning System

Instructions for Use



Device Description

EzAim positioning arms and rings are designed to accurately position digital sensors, PSP plates, and film for precise dental imaging. They are fully compatible with EzAim digital sensor holders, ensuring a secure and consistent setup during radiographic procedures.

Indications for Use

EzAim positioning arms and rings are intended to assist in the accurate positioning of digital sensors, PSP plates, and film for precise dental imaging.

Precautions

- Use a barrier sleeve when using corded sensors.
- Avoid pulling on sensor cords.
- Follow sterilization instructions to avoid damage to plastic parts.

Warnings:

- Sterilize before use using steam sterilization only.
- During sterilization, plastic parts must be placed in a separate sterilization pouch from metal parts.
- Do not use phenol-based glutaraldehyde, ultrasonic cleaners, chemical sterilizers, hot air sterilizers, or cold sterilization methods.
- Do not exceed 273°F (134°C).

Warnings (Continued):

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