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Veterinary
Dental X-Ray
Imaging Solutions

EXPERIENCE AN ULTRA LIGHTWEIGHT AND STABLE X-RAY SYSTEM

EzRay Air Vet™

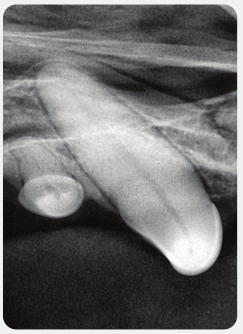
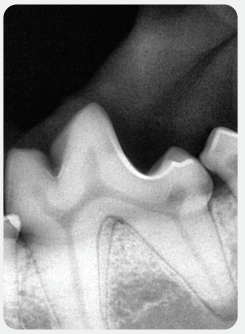
Portable Intraoral X-ray

- Expedites your dental treatment procedures
- Provides trouble-free workflow
- Minimizes anesthesia risks or restraint injuries

ERGONOMIC PATIENT DESIGN

Acquire clear images with a 0.4mm focal spot

Regardless of which intraoral sensor you use, the EzRay Air minimizes blur and provides additional diagnostic value with a 0.4mm focal spot.

Ergonomic design for safety and efficiency

[Lightweight Tube Head]

Ultra-lightweight tube head enables stable one-hand operation

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+ [Double Shielding Design]

Internal leakage and external back-scatter shielding minimize operator radiation exposure

+ [Cylindrical Grip]

Ergonomically designed handle provides a comfortable grip for the operator

+ [Round Shape Design]

Contoured edges create an appealing design

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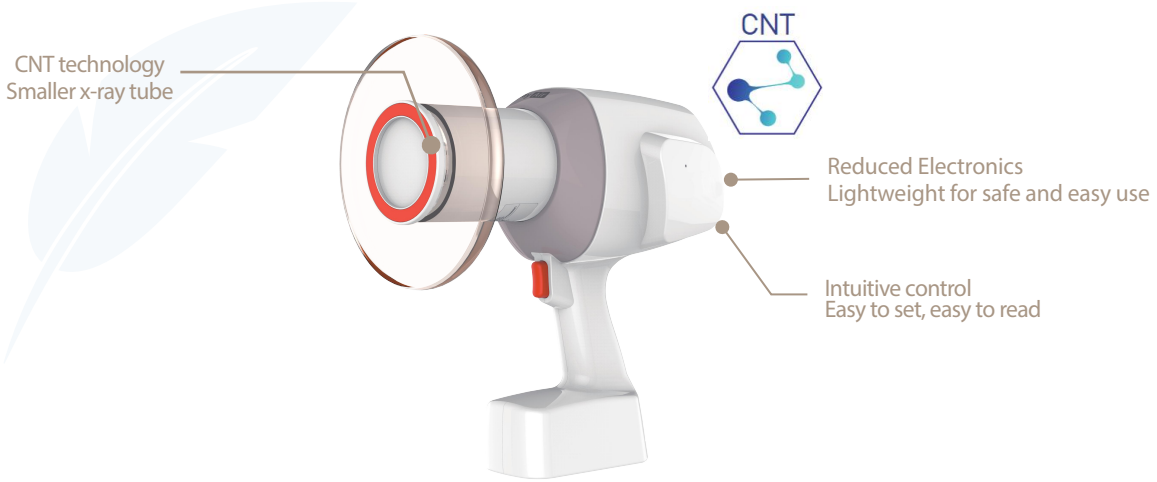
[Drop-prevention]

An attached neck/wrist strap prevents accidental dropping by a user

Lightweight for safe and easy use

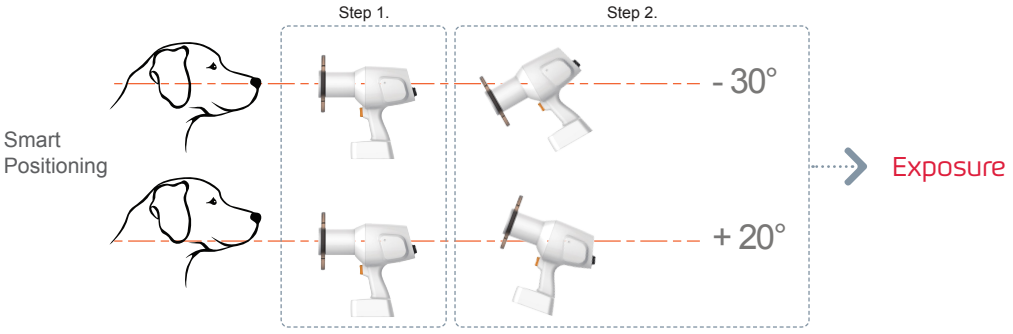


EzRay Air Vet uses carbon nanotube technology instead of conventional x-ray tubes to produce high resolution, diagnostic images. CNT x-ray tubes function more efficiently than traditional tubes by eliminating high temperatures associated with thermionic electron emission required for an x-ray exposure. This technology allows for a compact design as well as image uniformity.

Smart angulations exposure compensation

Acquiring certain areas of the mouth are difficult to image, such as the rostral and caudal maxilla or the rostral mandible, due to one structure superimposed over an area of interest or difficult sensor placement. When parallel imaging techniques cannot be used, the tube head must be angled appropriately to capture these images. X-ray operators often do not change exposure settings and image quality will vary as a result of this angulation. The EzRay Air Vet can optimize an image exposure setting based on the angle of the tube head.

Step 1. Set the reference point.
Step 2. Exposure conditions for each tooth are set automatically by the specified angle.



Supported Positions: Incisors, Canines, Premolars, Molars

Smart dial for all functions

The operating panel located on the tube head creates a simpler and producing faster workflow. The Smart Dial has all the settings in one dial, streamlining the workflow and decreasing preparation time. There is no need to remember complicated controls panel buttons and configurations.

Portable intraoral x-ray with carbon nanotube x-ray technology obtain high quality diagnostic images

SPECIFICATIONS

Focal Spot	0.4 mm (IEC 60336)
X-ray Tube	Carbon nanotube
Voltage	65 kV
Current	2.5 mA
Exposure Time Range	0.05 ~ 0.5 sec (0.01 s Increment)
X-Ray Field	2.4 in (60 mm) Round
	0.8x1.2 in (20x30 mm) 1.2x1.6 in (30x40 mm) Rectangular
Source to Skin Distance	Min. 7.9 in (200 mm)
Total Filtration	Min. 1.5 mm Al
Battery	Replaceable
Weight	Approximately 4lbs (1.8 kg) with Back Scatter Shield

* Specifications are subject to change without prior notice.

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