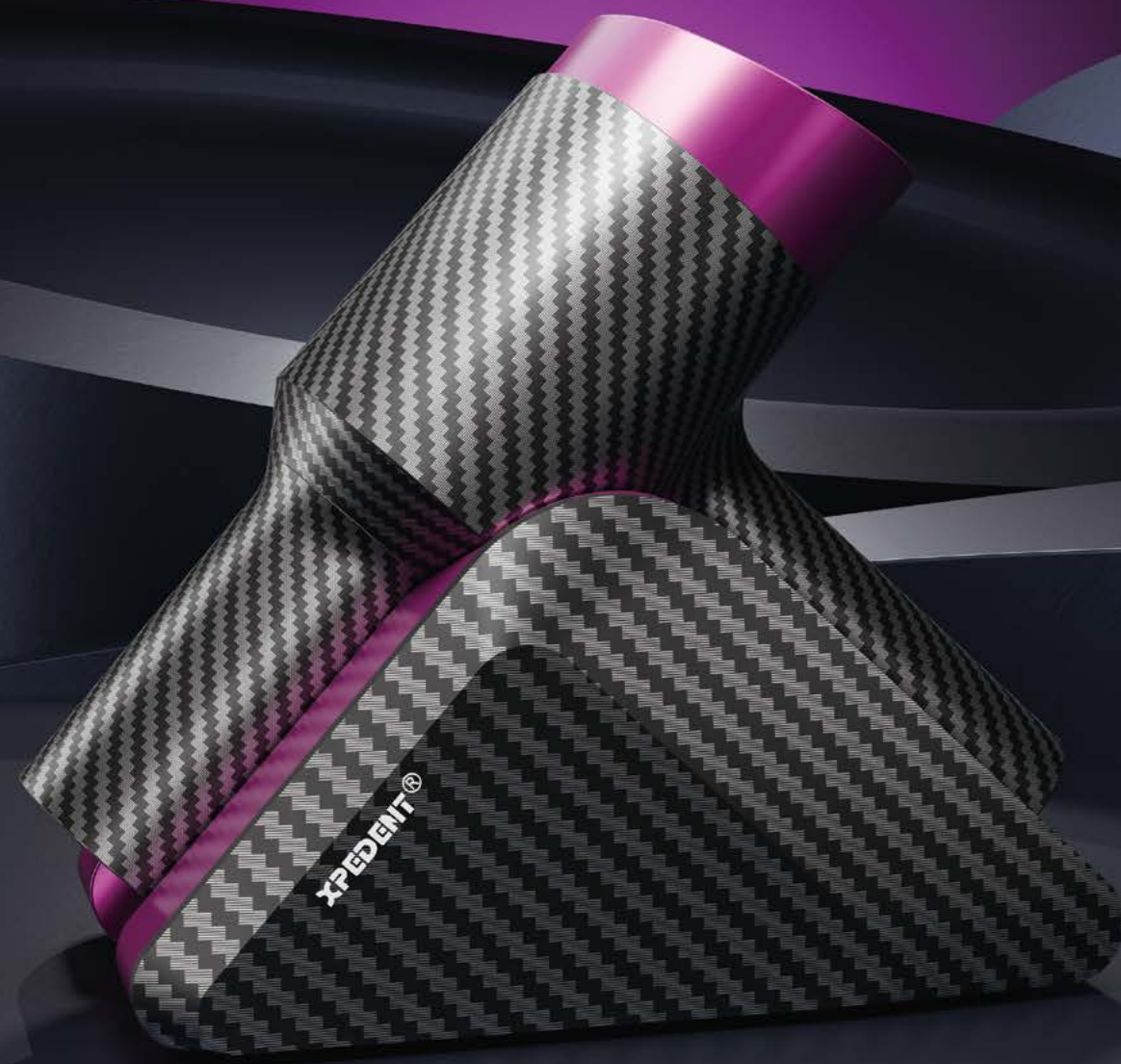




Evoray[®]

Portable X-ray

Complying with the CE safety standard
Making the shooting safer



The distance from the focus to the end face of the beam limiter is 20 cm, and the radiation leakage from the body surface is < 0.05 mGy/h, complying with the CE safety standard, making the shooting safer



The radiation leakage from the body surface is < 0.05 mGy/h (CE safety standard)

Oil tank and beam limiter use 99.9% pure lead shielding to maximize the protection against radiation leakage

Efficient Handling of Different Radiological Situations

70 kV

2 mA

140 W

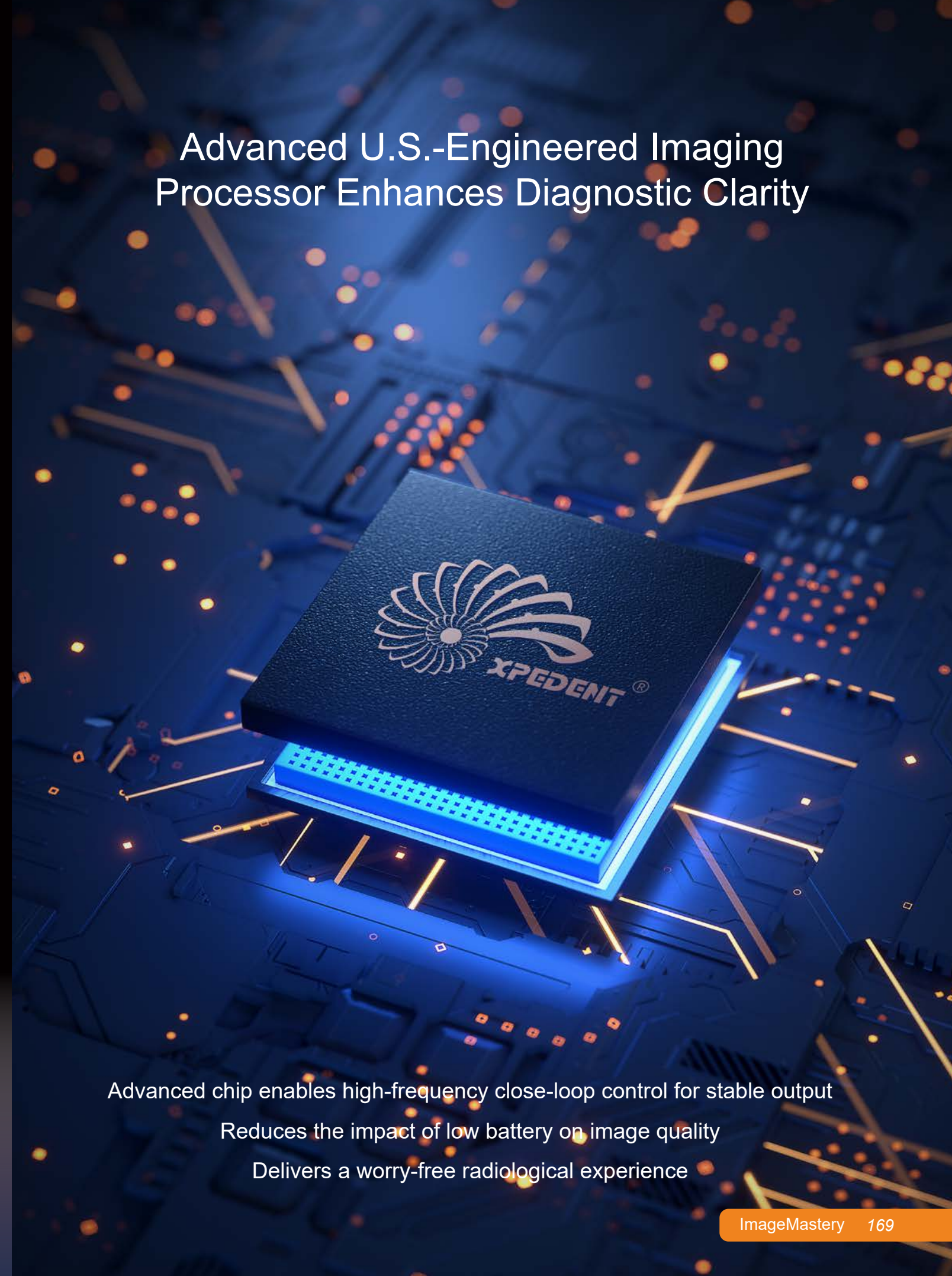


70 kV tube voltage for excellent X-ray penetration

2 mA tube current for millisecond-level exposure to avoid shadow (blurred Image capture by unsteady radiological)

140W output power to meet diverse clinical needs

Advanced U.S.-Engineered Imaging Processor Enhances Diagnostic Clarity



Advanced chip enables high-frequency close-loop control for stable output

Reduces the impact of low battery on image quality

Delivers a worry-free radiological experience

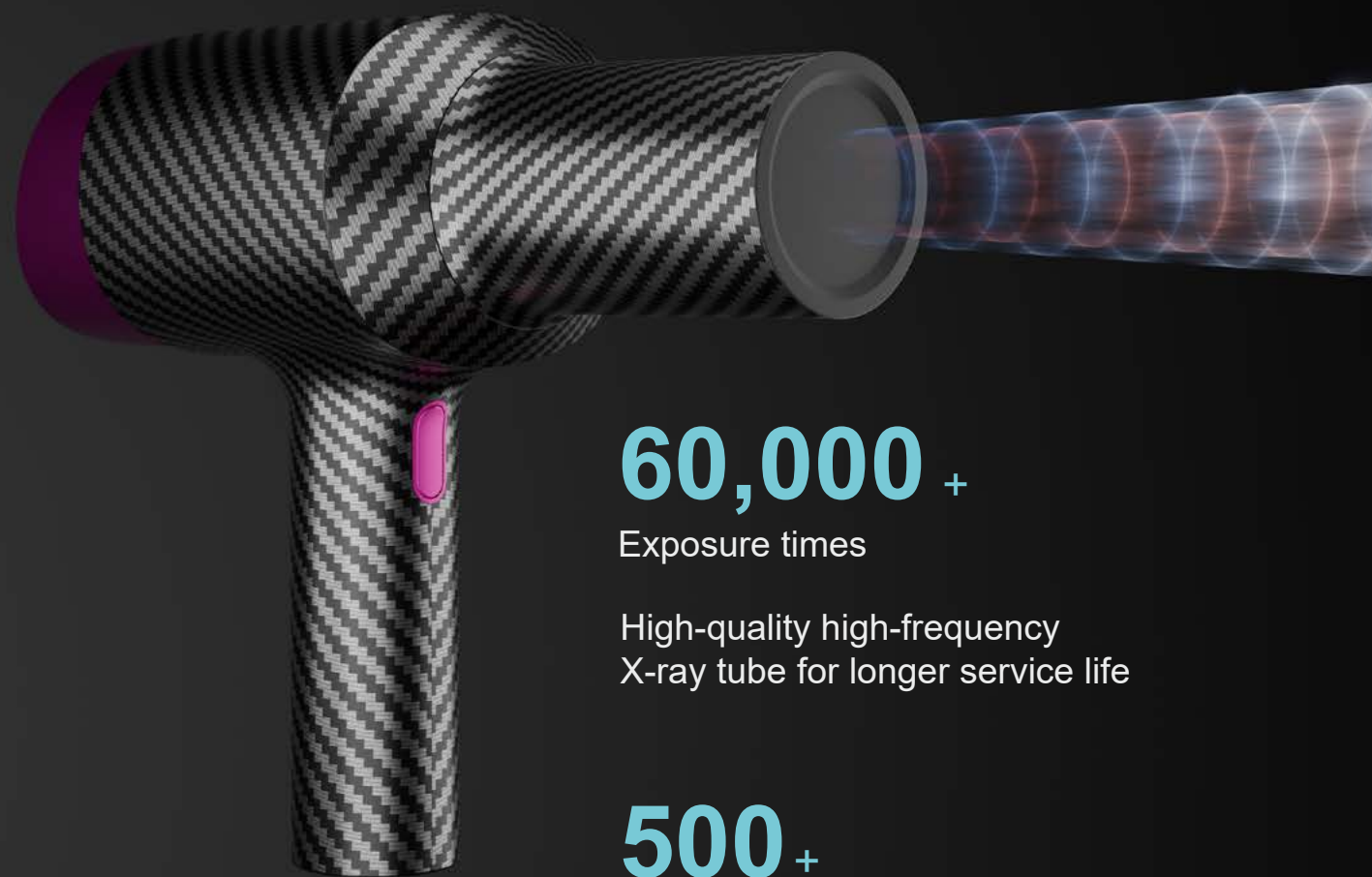
Get Accurate X-Ray Images Every Time with Sensitive Sensor

USA angle sensor for real-time display of holding angle
Radiological angle can be calibrated as per patient posture
Optimal radiological angle ensures optimum imaging quality



Durable and Dependable

Long-lasting Battery for Uninterrupted Performance



60,000 +

Exposure times

High-quality high-frequency X-ray tube for longer service life

500 +

Shots on a full charge

2 h

Fast full charge

2500 mAh

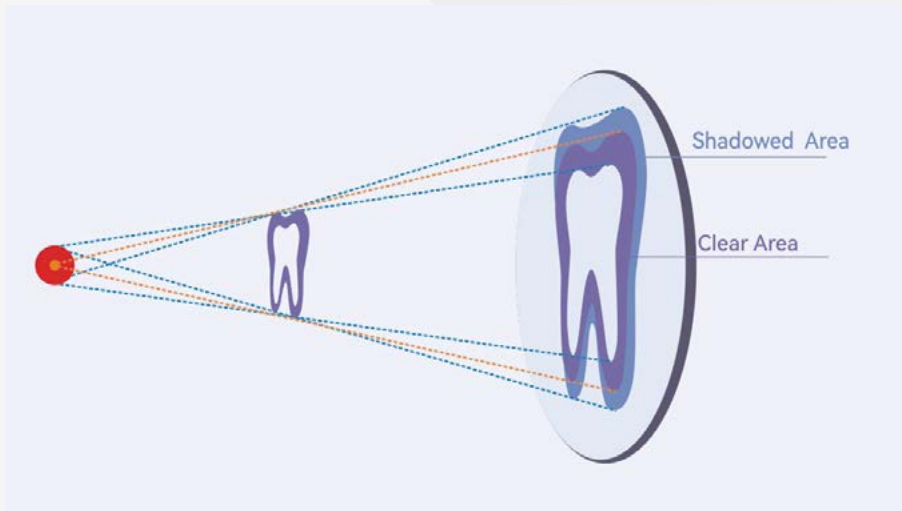
2500 mAh x 3S high-capacity lithium battery

Attention to the Tiniest Details

0.4 mm focus for more focused X-ray release
Helps to present clearer high-resolution images



Illustration of the difference between large and small focus imaging:



Clear Large Screen Easy to Use

2.8"HD digital screen
Intuitive User interface
Ultra-sensitive buttons
Compact and light weight design for easy one-hand shooting!



5+2+2

Wide range of radiological applications



2 target groups:
Child/Adult



2 device options:
Sensor/ Film

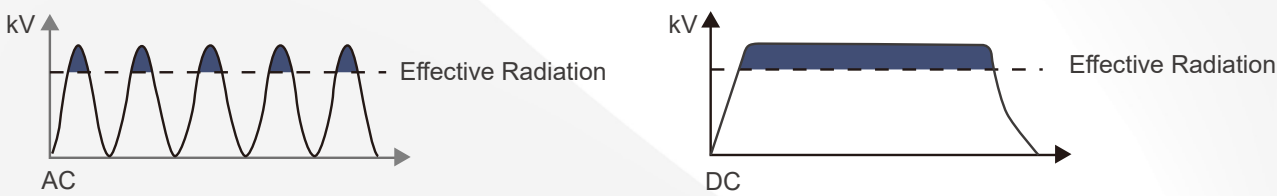


5 tooth position options:
Incisor
canine
premolar
molar
bite-wing



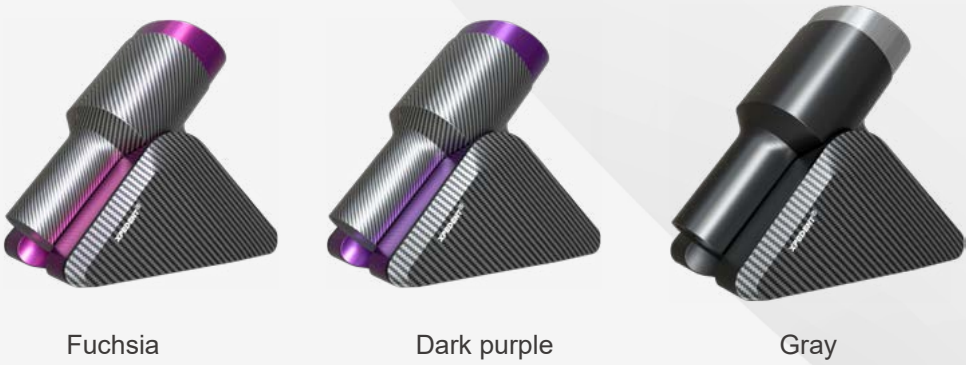
Embracing a new high-energy era

In comparison to traditional power frequency AC machines, the Evoray is a high-frequency DC machine with superior performance, producing more stable X-rays



Parameters

Tube voltage: 70kV
Tube current: 2mA
DC high frequency
Battery capacity: 2500mAh*3S
Size: 338×112×247mm
Weight: 2.2Kg
Colour





Digital Intraoral X-ray Sensor



The Xpedent Intraoral Sensor family, built on advanced APS CMOS technology and incorporating leading innovations such as smart Automatic Exposure Detection (AED), direct-deposited CSI scintillator, and an ergonomic design, provides optimal digital imaging for your daily practice

Key Features

- APS CMOS Technology
- Smart AED: Compatible with a variety of X-ray sources
- Direct Deposition CSI: Lower dose imaging
- USB 2.0 Direct Connection
- Slim Design: Rounded corners and thumb position
- IP68 Rating: High reliability





Cost-Effective and Environmentally Friendly

No consumables

More economical and environmentally friendly

100,000+

100,000+ Exposures:
Maintain imaging quality
without loss

Free

Free Licensed Software:
Use forever without cost

95%

95% Compatibility:
With X-ray units

100,000+

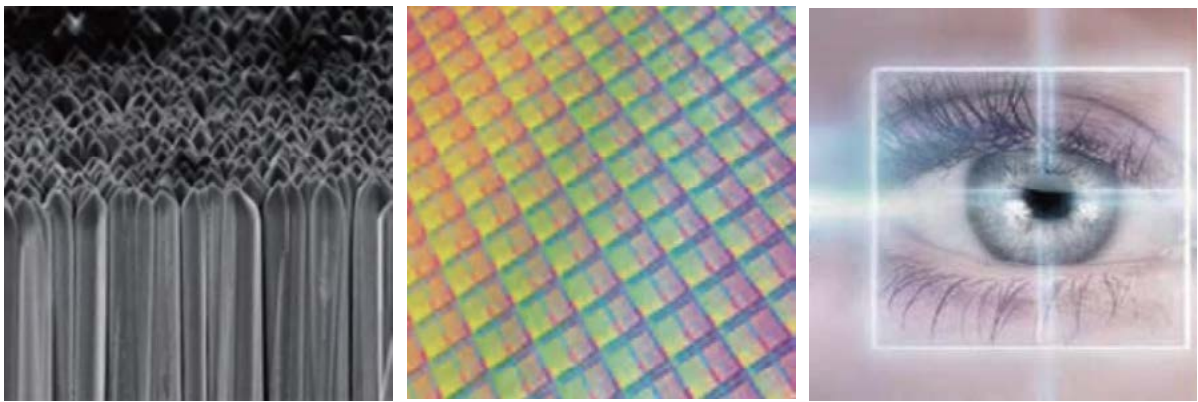
- 100,000+ Exposures: Ensures performance under various working conditions
- Durable Design: Shock-resistant and waterproof casing securely protects the sensor



Silica-based chips

Silica-Based Chips: Utilising silica-based chips instead of traditional cesium iodide to prevent image blurring and performance deterioration

Dynamic Range of 16 Bits: Produces high-quality images for accurate diagnosis



5µm Needle-Like CSI:
Direct deposition process

Low Noise APS
CMOS Image Sensor

Smart AED:
Automatic exposure detection

Products	CLARO 1	CLARO 1.5	CLARO 2
Mechanical Dimensions (mm³)	25.03 × 38.53 × 4.5	29.2 × 43.5 × 4.5	31.62 × 45.0 × 4.5
Active Area (mm²)	20 × 30	24 × 33	26 × 36
Pixel Matrix	(1.5 M) 1000 × 1500	(1.89M) 1200×1650	(2.34 M) 1300 × 1800
Sensor Technology	APS CMOS		
Scintillator	Directly deposited CsI:TI		
Length of Cable (m)	Standard 3m		
Pixel Pitch (µm)	20		
Spatial Resolution (lp/mm)	Theoretical: 25 lp/mm		
Gray Level	16 bit, 65535 grade		
Exposure Mode	Smart AED		
Ingress Protection	IP68 for soak disinfection		
Additional	Supports TWAIN protocol		
Operation System	Windows 7 and above, 32 / 64 bit		