

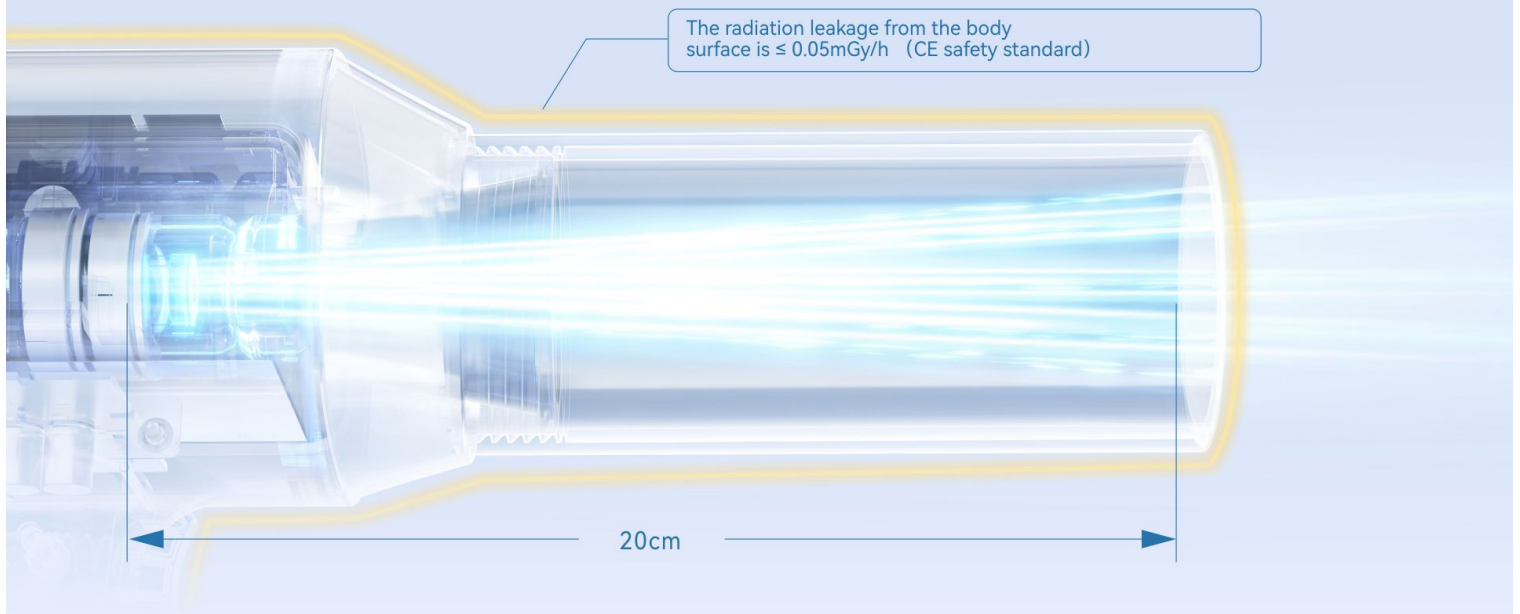
# Mini Ray

Power Meets Clarity -  
10 Reasons to Choose MINI RAY

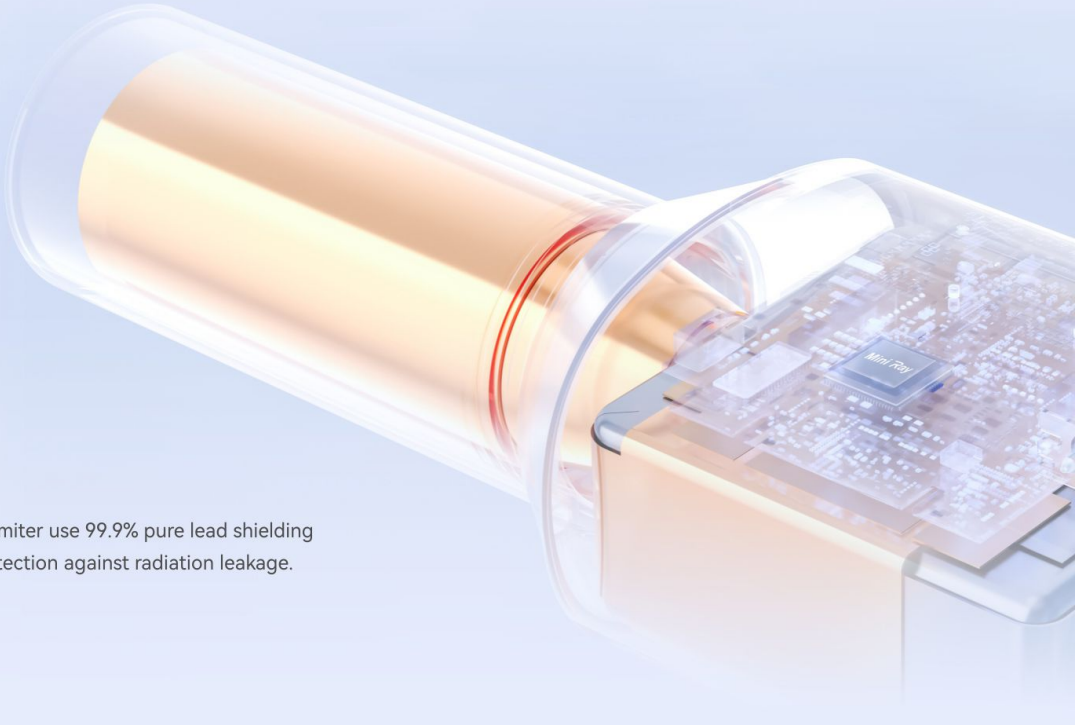


## Double Radiation Protection Guaranteed: MINI RAY Complies with International Standards

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



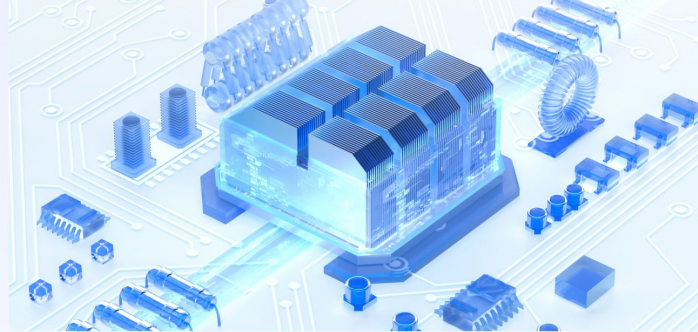
Oil tank and beam limiter use 99.9% pure lead shielding to maximize the protection against radiation leakage.



A close-up cutaway view of the beam limiter assembly. It shows a thick, orange-colored cylindrical lead shield (the oil tank) surrounding the beam limiter. The beam limiter is a clear cylindrical component with a red ring at its base. The assembly is mounted on a printed circuit board (PCB) with various electronic components. A small chip on the PCB is labeled 'Mini-Ray'.

## Efficient Handling of Different Shooting Situations

70Kv tube voltage for excellent X-ray penetration  
2mA tube current for millisecond-level exposure to avoid  
shadow (Blurred Images caused by unsteady shooting)  
140W output power to meet diverse clinical needs



## Powerful USA “CHIP” Refreshes the Imaging Technique

Advanced chip enables high-frequency close-loop  
control for stable output  
Reduces the impact of low battery on image quality  
Delivers a worry-free shooting experience



## Long-lasting Battery for Uninterrupted Performance

2500mAh×3S High-capacity lithium battery  
500+ Shots on a full charge  
2h Fast full charge







## Get Accurate X-Ray Images Every Time with Sensitive Sensor

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



# Durable and Dependable

60,000+ Exposure times  
High-quality high-frequency  
ray tube for longer service life

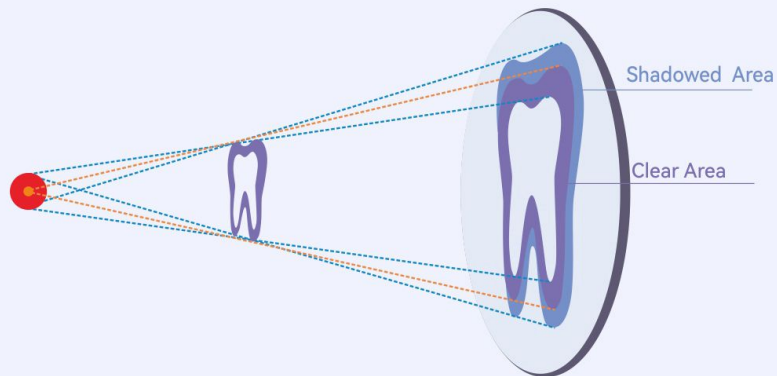
60000+

## Essence in the Tiniest Details

0.4mm 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 lightweight design  
for easy one-hand shooting!



# 5+3+2, Fitting to Diverse Shooting Needs with Ease

Two target groups:  
Child/Adult

Three device options:  
Sensor/ Scanner/ Film

Five tooth position options:  
Molar / Premolar / Incisor  
Canine / Bite-wing

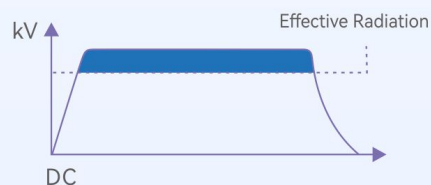
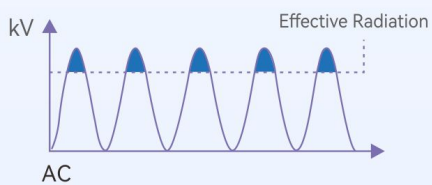
70kV 2mA

Upgraded Protection  
for Safer Use

Fast screen lock to prevent false touch,  
effectively preventing accidental radiation exposure  
High-pressure and high-temperature protection  
mechanisms with automatic cancellation of exposure  
commands when risks are detected

## Embracing a new, high-energy era

In comparison to traditional Power Frequency AC machine  
the Mini Ray is a High Frequency DC machine with superior performance  
and produces more stable X-rays.



# Mini Ray

Parameters:

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

