



Mini Ray Pro

Intelligent Positioning System



BULID YOUR IMAGINATION

Key Advantages

Precision

Sensor positioning for one-shot precision

Safety

99.9% pure-lead shielding for enhanced protection

Clarity

High-performance x-ray tube for ultra-sharp detail

Ergonomics

Ultra-light 2.2 kg for effortless daily use



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SENSOR POSITIONING

Quick positioning · Precise imaging

The built-in sensor positioning system in Mini Ray Pro detects the position of the intraoral sensor in real time to assist in adjusting the X-ray alignment, ensuring more accurate and consistent imaging results.

- **10-second imaging**
- Less waiting. Less adjusting. Fewer retakes.
- More efficiency for you. More comfort for your patient.



Traditional X-rays

- ✗ Complicated device operation
- ✗ Cumbersome positioning holders
- ✗ Concerns over radiation exposure

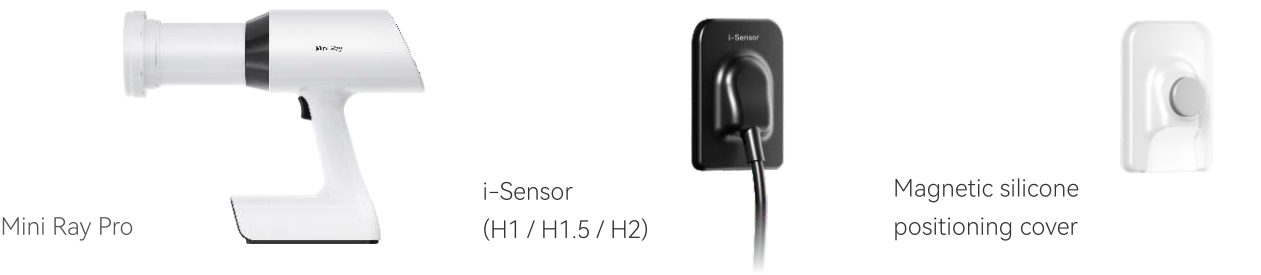


Mini Ray Pro

- ✓ Easy to use – even for beginners
- ✓ Smart positioning system
- ✓ One-shot precision



How to use sensor positioning function



Exposure steps



ULTRA-LIGHT 2.2 KG

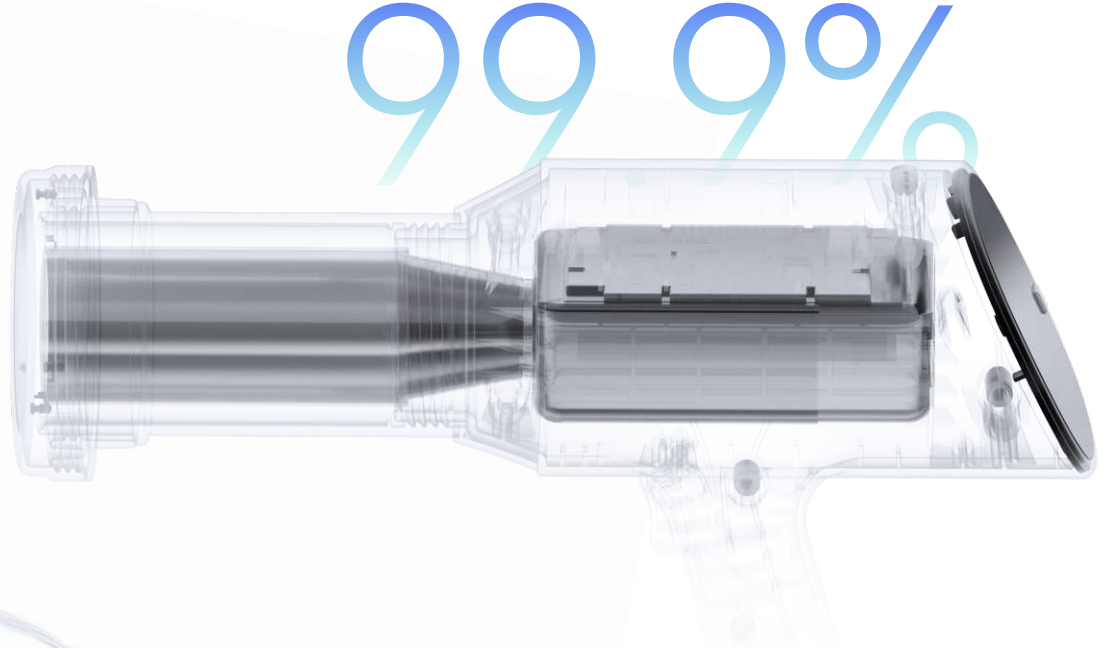
Ergonomics and portability

Portable, balanced, and effortless — even during high-frequency daily use

99.9% PURE-LEAD SHIELDING

Enhanced safety

The X-ray tube and beam limiter use 99.9% high-purity lead shielding. Radiation leakage is significantly reduced, ensuring a safer imaging environment for both clinicians and patients.



HIGH-SENSITIVITY ANGLE DETECTION

More accurate shooting angle

Specific reference angle values are provided for different tooth positions. Clinicians can rapidly obtain the ideal angle by adjusting the device based on the real-time angle display.

Product overview

The new Mini Ray Pro brings intelligent sensor positioning to handheld dental radiography — making every exposure easier, safer, and quicker.

HIGH-PERFORMANCE X-RAY TUBE

Clearer, sharper imaging

- Mini Ray Pro’s refined 0.4 mm focal spot and precision-engineered X-ray tube deliver a more concentrated beam—ensuring stable output, safer exposure, and consistently sharper image quality.
- For clinicians, that means clearer diagnostics with fewer uncertainties.



0.4 mm
Focal Spot

70 kV
Tube Voltage

2 mA
Tube Current

WIRELESS EXPOSURE CONTROL

Safer and more flexible

Available wireless handbrake.
Perform exposures from a safe distance, enhancing both operational flexibility and patient safety by reducing radiation exposure.



Accessories

Wireless exposure handbrake optional		Exposure handbrake optional	
Holder optional	Base optional		Backscatter shield optional

Specifications

Tube voltage & current	70 kV 2 mA	Battery capacity	2500 mAh * 3s
Dimensions (L×W×H)	338 mm * 112 mm * 247 mm	Weight	2.2 kg