

Portable Ultra-High Frequency Dental X-ray Digital Imaging Solution



Handheld BK 210

Parameter Name	Parameter Index
Parameter Name	60kV, 70kV, two adjustable settings
Tube Current	2.5mA, 3.5mA, two adjustable settings
KV Ripple Rate	<1%
Inverter Frequency	>100kHz
Screen	Capacitive Touch Screen

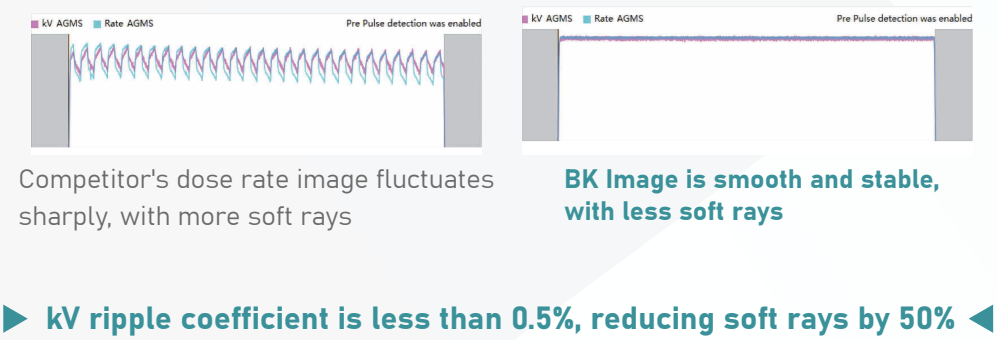
Detector - BK Dental 001X

Parameter Name	Parameter Index
Mechanical Dimensions (mm ³)	25.03 × 38.53 × 4.5
Active Area (mm ²)	20X30
Pixel Matrix	(1.5 M) 1000 × 1500
Sensor Technology	APS CMOS
Length of Cable (m)	Standard 3m
Pixel Pitch (μm)	20
Spatial Resolution Theoretical	25 lp/mm
A/D Conversion	16-bit
Exposure Mode	Smart AED
Protection Grade	IP68 for Soak Disinfection
Operation System	Windows 7 and above, 32 / 64 bit



Ultra-high frequency X-ray generator

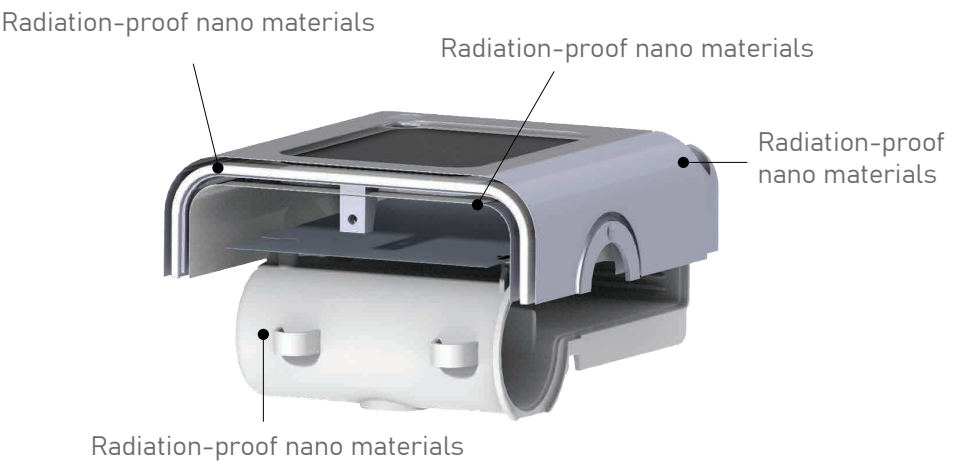
Ultra-high frequency high-voltage reverse technology
—Half the dose, double the clarity



► Image comparison under the same dose conditions ◀

4-layer nano anti-radiation leakage technology
—like having a built-in lead shielding room

► Provides the highest level of safety protection for medical staff ◀



Ultimate lightweight design

—single-handed grip, as light as a cloud in your hand



► Weighing only 1.8kg, it can be easily held with one hand, avoiding image blurring caused by shaking. ◀

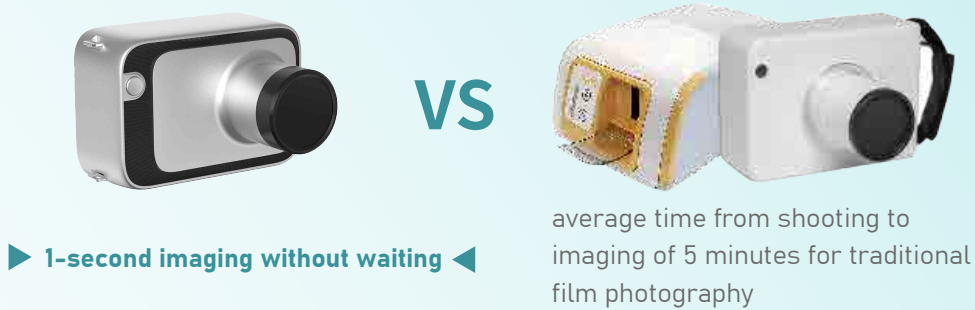
CMOS digital sensor

4.5mm detector
—plate - combining comfort and precision

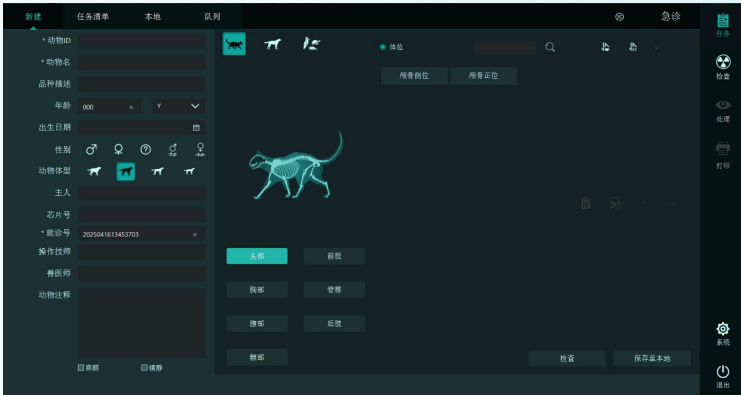


► Thin to 4.5mm, beyond imagination. The mainstream thickness on the market is: 5-8.5mm ◀
Clarity: 25lp/mm.

CMOS digital imaging technology
—second-level transmission, instant display after shooting



Smart Imaging Software
—Empowered by Ultra-High Dynamic Imaging Algorithm



Dental Implant Bone / Root Canal Filling / Periodontitis / Apical Cyst / Tooth Crack / Impacted Tooth



Hidden lesions such as cracked teeth and accessory canals are clearly presented, facilitating precise treatment.