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Ultra Light Portable X-ray **TheRay**



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Battery Free



World's First Innovation Technology



Ultra Light Portable X-ray
TheRay



Our State-of-the-art ergonomic design that allows one-handed shooting
One-handed icons



1.64kg
Lighter, handier. only 1.64kg with capacitor
using lighter components and unique design.



10 sec
Quick charging. Only 10 seconds to fully charge.
Our super capacitor allows much faster charging and more comfortable.



Sustainable power efficiency
keeps 100% of power efficiency even at continuous shooting.



Superior image quality.
Tube focal spot 0.4mm provides much more clear image processing
and much wider range, which corresponds to CR and film.



Trouble-free
Our charging system without battery prevent discharging, explosion
and complicating requirements for regular maintenance.



↘ UPPER SIDE



→ LEFT SIDE



↗ DIAGONAL SIDE



 **spec**

Input Power	Continuous Current : 40A, Max Current:160A
	100-240 VAC, 50-60Hz 12V 4A
Output Power	180W
Power Supply	10.8 VDC (super capacitor)
Super Capacitor/Pseudo Capacitor	2.7V, 120F~3000F, 2P4S/1P4S
Life Time	>30,000 time 1/2CV
Charge time	10sec~500sec Max (fast rechargeable)
Unit [kV] / [mA]	70kV/2mA (2.5/3mA to be)
Max.Deviation	[kV] / [mA] 70kV ±4% 2mA±10%
	[sec] 0.01~1.50sec ±6%
Tube	Model KL-11
	Focal spot size 0.4mm X 0.4mm
Filteration	Tube Inherent Filtration 1.0mmAL
	Addition Filtration 0.5mmAL
	Total Filtration 1.8mm @ 70kV
Weight	1.64Kg ±5%

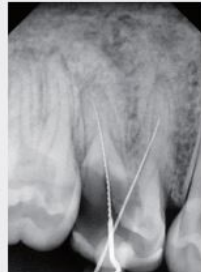


CAPTURE IMAGES

0.1 sec
digital sensor



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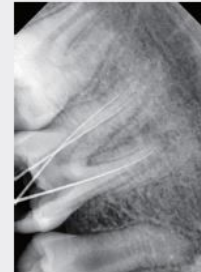
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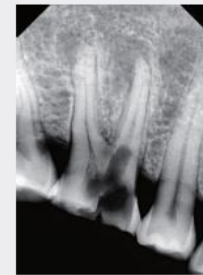
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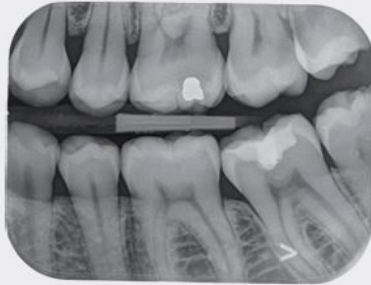
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0.2 sec
CR

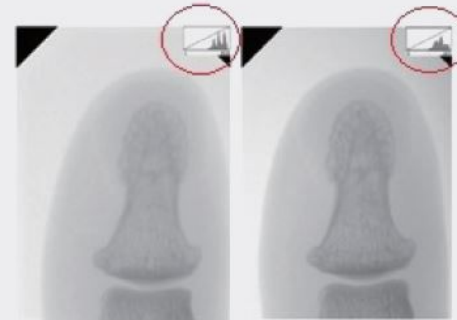


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Finger histogram



nanoray Other
(high contrast resolution)