

PORTABLE DENTAL X-RAY SYSTEM SPECIFICATION COMPARISON

X4 vs Nomad Pro 2

Model Name	X4	NOMAD PRO 2
Design		
Tube Style	All Digital CNT (Carbon Nano Tube) from S.Korea	Air Cooled Tube from Kailong in China **
Tube Voltage	Faster (lower) Exposure times 70 kV Better Bone Density Images	60kV Longer Patient Exposure Times
Tube Current	2mA	2.5mA Larger radiation dose
Anode Type	Stationary	Stationary
Anode Angle	12.5 degree	12 degree
Focal Spot Size	0.4 mm	0.4 mm
Exposure Time	0.12~1.2 sec(0.01second steps)	0.02~1.00 sec.(0.01second steps)
Total Filtration	2.5 mm Al equivalent	>1.5 mm Al equivalent
SSD	200 mm	200 mm
Dimension	Dual Pistol grip, easier, safer to hold 3.9" W x 11.8" L x 9.9" H 100mm 300mm 252mm	Single Pistol grip, must wrap hand around cone 5 .25" W x 10 1/2" L x 9 3/4"
Power requirement	22.2V	22.2
	AC INPUT: 100~240V, 50~60Hz, 1.7A OUTPUT: 140 Watts	Similar
Total Weight kg	1.79 kg (3.95 LBS)	2.7 kg (6lbs)
X-ray field	60 mm round	60 mm round
Maximum duty cycle	0.08 (1:60)	0.08 (1:60)
Images per charge	800	400
Retail Price	\$4,999.00	\$7,295

** **Air Cooled (Anoid) vs CNT** (Carbon Nano Tube) The X4 features a modern, All Digital CNT type tube-Mfr's by VSI, in S. Korea with faster recovery time between taking X-Ray series (like FMX's), and extends the life of the tube.being All digital, it is more effient and gets around 800 images per charge on a much smaller battery.
The Kailong tube design is an Air Cooled (Filament/ Anode style) vacuum tube from China which the basic X-ray tube design has not changed much in 50 years.

The X4 is **Lighter**, **Faster**, **Lower Cost**, **Lower** Patient Exposure time!