

PORTABLE DENTAL X-RAY SYSTEM SPECIFICATION COMPARISON

Rextar-X vs Nomad Pro

Model Name	Rextar-X	NOMAD PRO 2
Design		
Tube Style	Latest Toshiba Oil Cooled Tube from Japan	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	0.01~1.3 sec(0.01second steps)	0.02~1.00 sec.(0.01second steps)
Total Filtration	1.8 mmAl	>1.5 mm Al equivalent
SSD	200 mm	200 mm
Dimension	Lighter, Camera style, easier to hold steady 5.5" W x 9.5" L x 6.25" H	Pistol grip Style, harder to hold steady 5.25" W x 10 1/2" L x 9 3/4" H
Power requirement	11.1V AC INPUT: 100~240V, 50~60Hz, 1.7A OUTPUT: 140 Watts	22.2 Similar
Total Weight kg	2.4 kg (5.3 LBS)	2.7 kg (6lbs)
X-ray field	55 mm round *	60 mm round
Maximum duty cycle	0.08 (1:60)	0.08 (1:60)
Retail Price	\$5,499.00	\$7,295

* Regulations allow the diameter under 60 mm is acceptable. Provides a tighter beam pattern than 60mm cones..

** Air Cooled vs Oil Cooled

The Rextar-X features a Toshiba brand Oil Cooled X-Ray tube from Japan. Like most traditional wall mounted units, Oil cooled tubes dissipate heat better which gives the Rextar-X a faster recovery time between taking X-Ray series (like FMX's), than the Kailong Air Cooled tube from China used in the Nomad. This allows more frequent X-Ray images and extends the life of the tube.

Much Larger Display Screen! Rextar X is **Lighter**, **Faster** (more production), **Lower Cost**, **Lower** Patient Exposure time!

RextarX hangs around your neck and rests on your hip while repositioning the sensor. Staff feel more secure using the safety neck strap, while 0 user comfort and speed of use is improved.

Nomad is usually laid on the tray or counter-top between exposures to free up both hands. Staff are often afraid it will fall or get knocked down.