



Contact us

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# NAOMi-CT

NAOMi-CT is Non-Destructive CT scanner system, freely visualizing cross sectional slices of various shapes and material objects without cutting them.

With its CT technology used in the medical and dental fields, RF has developed a new concept CT system with the price 1/5th of conventional CT. It enables you to scan your works on the spot at no additional cost, no outsourcing inspections.

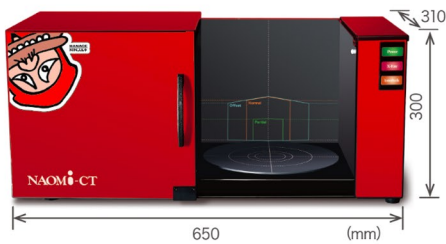
## Features

- 1/5 of conventional CT price
- Quick scan in 60 sec. (with \$29,500 CT, M size model)
- No qualification or license required (in case of Japan. It is subject to your country's regulation.)



3D in 60s 2D in 10s

Compact Scan NAOMi-CT  
**\$29,500 CT**  
M size



3D in 120s 2D in 10s

Larger Scan NAOMi-CT  
**\$39,500 CT**  
L size



Check specifications for more details.

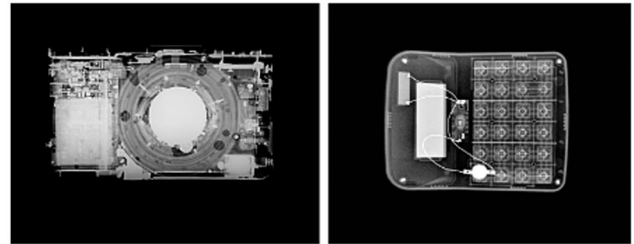


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2D in 10s

Adding parts to CT  
**\$9,500** 2D



### Features

- Surprisingly affordable
- Quick capture in 10 sec.
- No qualification or license required (In case of Japan. It is subject to your country's regulation.)

2D x-ray image with transmitted light.

By rotating the target work manually and shooting several x-rays, to imagine a cross section view.

Upgradable to \$29,500 CT by adding its difference of \$20,000.

3D in 60s 2D in 10s

Compact Scan NAOMi-CT  
**\$29,500** CT  
M size



### Features

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- Quick scan in 60 sec.
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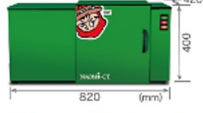
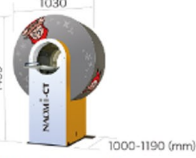

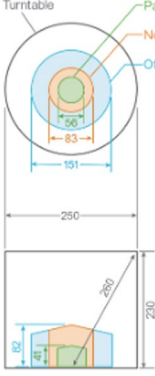
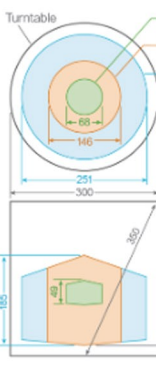
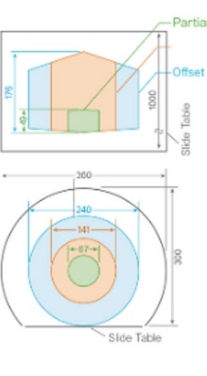
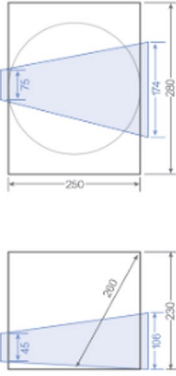
Convenient functions and software  
**Free distributions to users!**



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## Specifications

		CT (3D)			2D	
		 \$29,500 CT (Medium Sized Panel)	 \$39,500 CT (Large Sized Panel)	 \$59,500 CT (Large Sized Panel)	 \$9,500	
		 623 (mm) x 310 *When closed the door, w/o handle. Upgradable to \$39,500 CT with additional \$10,000	 820 (mm) x 420 *When closed the door, w/o handle.	 1030 x 1466 x 1000-1190 (mm) Ask us for longer/larger scans. *Pre-order available.	 623 (mm) x 310 *When closed the door, w/o handle. Upgradable to CT with price difference.	
		Types X-Ray CT Scanner System			2D X-ray Imaging System	
		Features 3D Scans, 2D Acquisitions, With Void Detecting Software (3D)			2D Acquisitions	
		Models NAOMi-CT 3D-M	NAOMi-CT 3D-L	NAOMi-CT 3D-Slide L	NAOMi-2D	
Hardware	Weight	Approx. 60 kg (130 lbs)	Approx. 70 kg (155 lbs)	Approx. 100 kg (200 lbs)	Approx. 60 kg (130 lbs)	
Power source	Power	AC 100-240 V, 50/60 Hz				
	Consumption power	1.0 kVA (At peak)				
X-ray source *	Tube voltage	50-100 kV				
	Tube current	2-10 mA				
	Max power output	500 W				
	High voltage generator	DC rectifier (Earlier ignition system)				
	Cooling	Oil and air				
	Focal spot size	0.5 mm				
Detector	Detector Type	FPD			Multi CCD	
	Pixel size	100µm	120µm	100µm	100µm	
	Grayscale	12 bits	14 bits	12 bits	12 bits	
	Active imaging area	H 121 x W 123 mm	H 263 x W 213 mm	H 106 x W 174 mm	H 106 x W 174 mm	
	Pixels	1216 x 1232 pixels (1.5 megapixels)	2208 x 1792 pixels (4.0 megapixels)	980 x 1660 pixels (1.6 megapixels)	980 x 1660 pixels (1.6 megapixels)	
Image Acquisition	Scan Areas	 Partial Scan: φ56 × H37-41mm, Pixel Size: 0.068mm Normal Scan: φ83 × H72-82mm, Pixel Size: 0.136mm Offset Scan: φ151 × H63-82mm, Pixel Size: 0.205mm	 Partial Scan: φ68 × H38-49mm, Pixel Size: 0.083mm Normal Scan: φ146 × H153-185mm, Pixel Size: 0.16mm Offset Scan: φ251 × H130-185mm, Pixel Size: 0.24mm	 Partial Scan: φ67 × H45-49mm, Pixel Size: 0.083mm Normal Scan: φ141 × H147-176mm, Pixel Size: 0.16mm Offset Scan: φ240 × H127-176mm, Pixel Size: 0.24mm	 H106 × W174mm	
	Scannable Size	φ250 × H230mm	φ300 × H320mm	W-360 × D1000 × H-300mm *Refer the above drawings.	W250 × D280 × H230mm	
	Resolutions	3D Scans: 5LP/mm, 0.1mm 2D Acquisitions: 4LP/mm, 0.125mm	4LP/mm 0.125mm 3LP/mm 0.166mm			2D Acquisitions: 3LP/mm, 0.166mm
	Load Capacity	Approx. 10 kg (22 lbs)			Approx. 20 kg (44 lbs)	Approx. 10 kg (22 lbs)
Target Examples	Aluminum Diecasts, Resins/Plastic Products and Containers, Rubber Products, Processed Food, Confectionery, Fruits, Cosmetics, Stationery, Toys, Shoes, Living Organisms, Bones, Cultural Properties, etc. *Ask us for scanning heavy metals (iron, copper, etc.) Unsuitable materials for scans					

•With the interlocking function •Self-protected with the built-in lead housing. •No qualification or license required (in case of Japan).  
In case of the \$59,500 CT, the three points above may not be applied.  
Specifications or designs may be changed without a prior notice.