



# Sitting still shooting the whole area, **3 minutes** speed scans

Changing the conventional concept

Two-tube alternating pulse irradiation & slide scan system

Full scan, 1 rotation shooting with oversized LL panel

Comparing to a herical CT

**Exposure: 1/25**

**Resolution: Doubled**

**Price: 1/5**

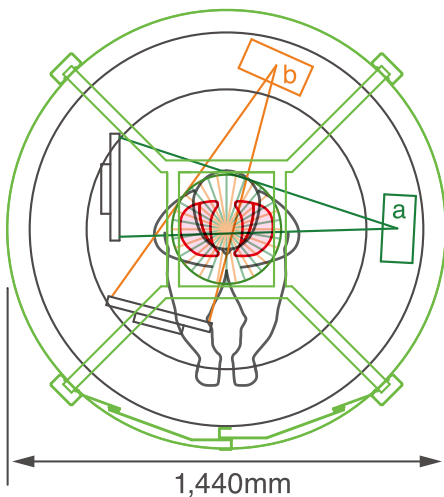
Positioning secured by hanging on a grip. We have a hammock hanging, a retention aid too. Ask us for details.



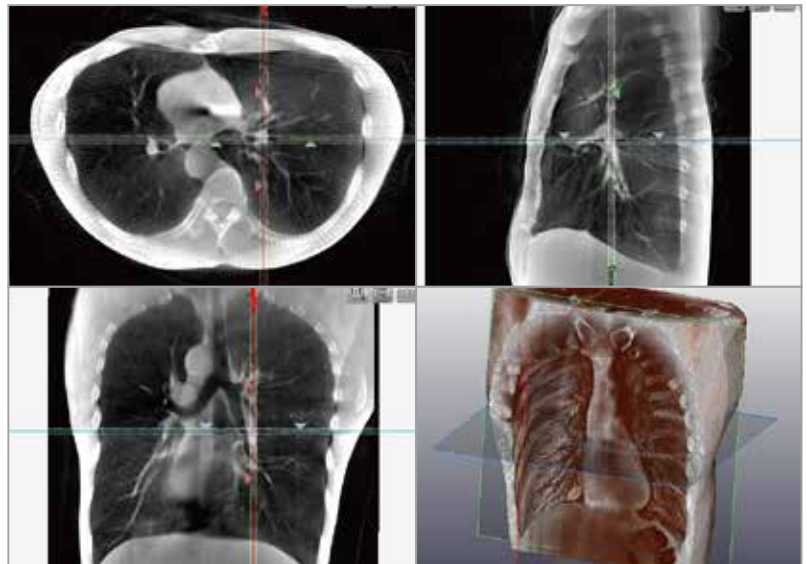
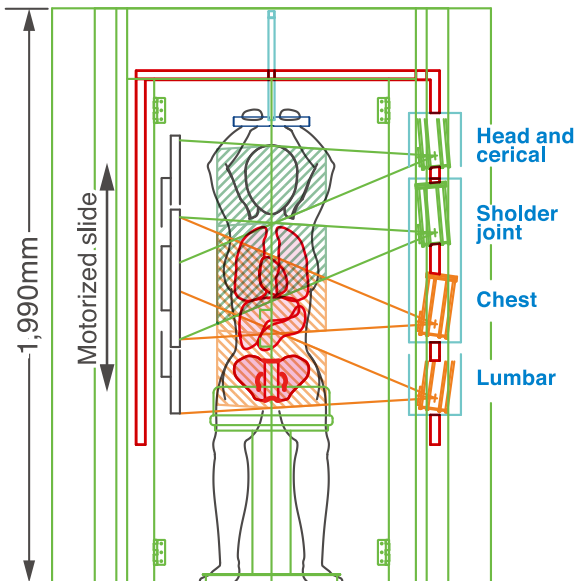
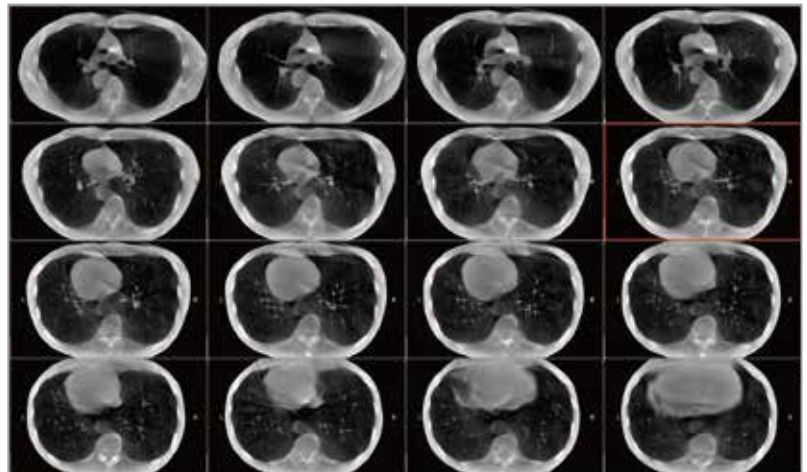
Install anywhere with slim design

**No x-ray room**

[Made in Japan]



## Chest CT images



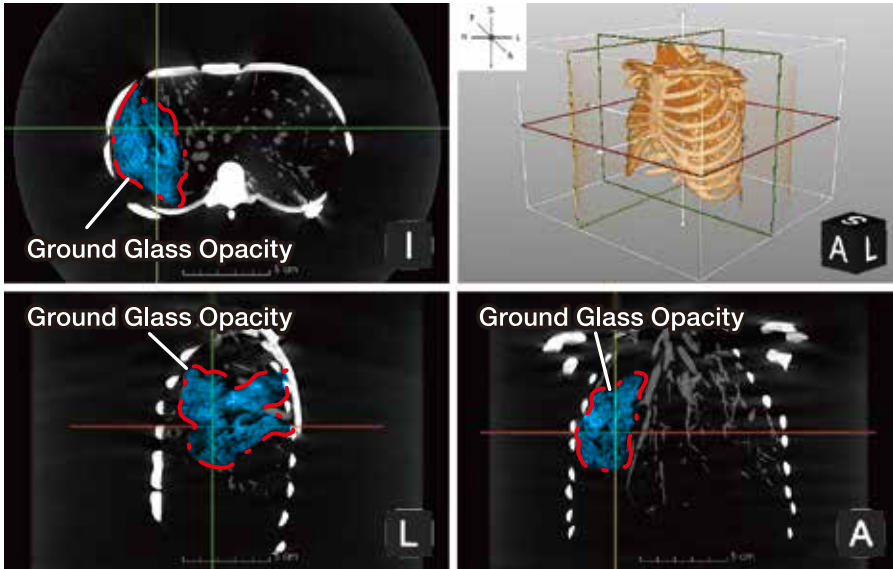
Compatible with regular power outlet, 100V to 240V (At scanning, 1500W)

DICOM data



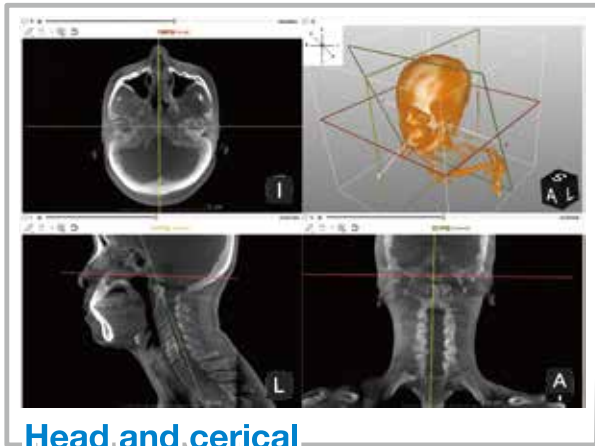
# "Ground Glass Opacity"

Marking Software attached (free)

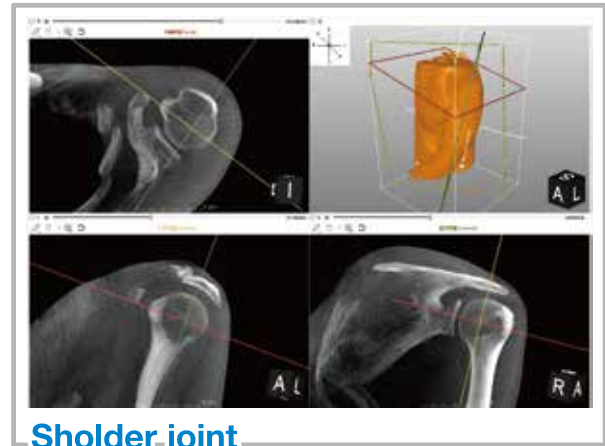


Missed in PCR test,  
slipped through,  
passed through...  
It cannot be prevented...  
Asymptomatic patients...  
CT exam is effective,  
separately from PCR exams!

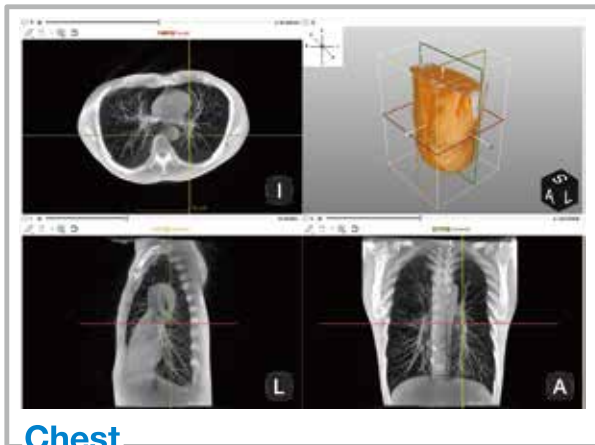
**Free** sample CT  
images with USB



Head and cervical



Sholder joint



Chest



Lumbar

# Whole Body CT Q&A

## Overview / Mechanism

**Q Scan method, "Two-tube alternating pulse irradiation"**

A Two x-ray tubes generate 0.03 sec puls irradiation one after another. \*Patent pending

**Q Resolution and exposure**

A Comparing to a herical CT, it has doubled resolution and 1/25 of exposure.  
 With high sensitivity panel, reduced the exposure level to be 1/25 of 550mGy (Japan MOH's basic level), to be about 22mGy (around 0.3mSv).

**Q Sitting still shooting, and slide scan system**

A Scan acquired with internal organs and bone joints at natural load state.  
 Slide movement enables to cover the imaging area properly with the adjustable chair.

**Q Area of imaging**

A <Head part> Paranasal sinuses, orbit <Chest> Lung, diaphrenic  
 <Abdominal> Organs, pelvis

**Q Breathing timing**

A As with conventional CT, take a CT scan with respiratory arrest or a small breath.

## Dimensions / Specifications

**Q Outer diensions, weight, and shielding lead thickness**

A Width 1,440 x Height 1,990 x Depth 1,460 (when opening the door, 1800) mm 350kg  
 Sheilding lead thickness 1.5mm, No need x-ray room  
 Installation available through the regular hall width of 800 to 900mm.

**Q Imaging aera / Slice thickness (spatial resolution)**

A Wide mode :  $\phi$ 356mm H356mm / 0.38mm~  
 Normal mode :  $\phi$ 190mm H356mm / 0.25mm~  
 2D DX : W296mm H396mm / 0.38mm  
 Grayscale : 16bit

**Q X-ray tube spec, and irradiation time**

A 60-120kV (with 2kV steps), 2-7 mA (1mA step), Time: 25 sec.

**Q Power**

A Regular 100V outlet is good. 1500W only with x-ray.

## Support / Warranty

Remote suport with "Remote Support 24", and onsite support (as in Japan)

## Sample data

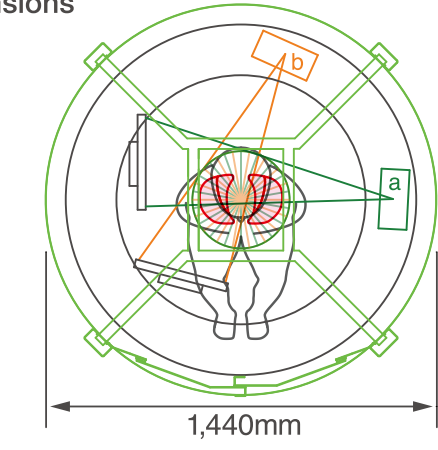
Available with free USB memory stick



# Whole Body CT Specifications

Power	AC100V 50/60Hz (Regular AC100V outlet)			
Consumption Power	1,500W (when x-raying)			
Diensions	W1,440mm × D1,460mm × H1,990mm			
Weight	350kg			
Imaging	Tube Voltage	60 -120kV (with 2kV steps)		
	Tube Current	2-7mA (with 1mA step)		
	Scan Time	CT	25 sec	
		DX	From 0.3 sec	
	Wide Mode	F.O.V	φ356mm × 356mm (H)	
		Voxel Size	From 0.38mm	
	Normal Mode	F.O.V	φ190mm × 356mm (H)	
		Voxel Size	From 0.25mm	
	2D DX	Imaging Area	W296mm × H396mm	
		Pixel Size	0.38mm	
Grayscale	16Bits			

Dimensions



Outer Design



[Made in Japan]

