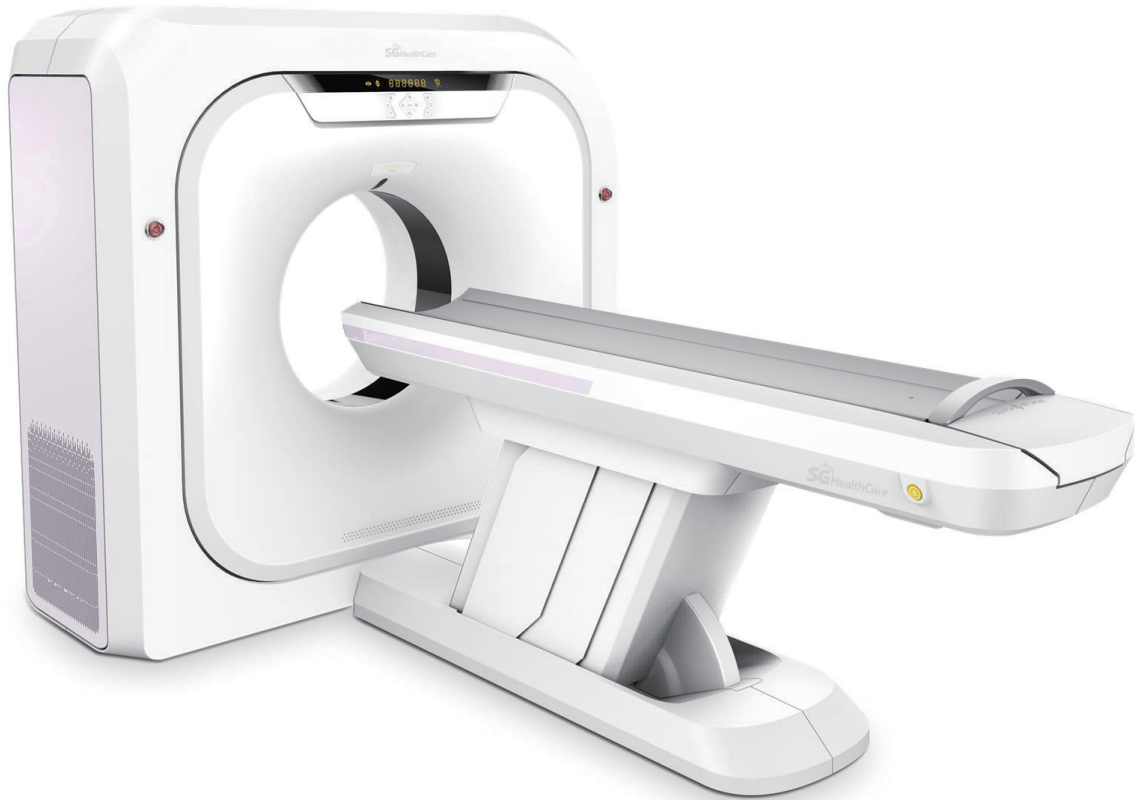


# DOMINUS



## DESIGNED TO PROVIDE HIGH QUALITY AND PRECISE IMAGE THROUGH WORLD CLASS TECHNOLOGY ADVANCEMENTS. SEE BETTER WITH DOMINUS

High image quality and advanced dose reduction for maximum diagnostic versatility

Detect pathologies and view anatomical structures with unprecedented detail

Iterative reconstruction technology that allows quality image with less dose

### SUPERIORITY

Advance iterative reconstruction based on the noise model

User friendly operation interface

Smart tracking dynamic transition software

COMPUTED  
TOMOGRAPHY  
SYSTEM

16 / 32  
SLICE

24  
DETECTOR  
ROWS

POWER  
OUTPUT  
42KW

# SYSTEM CONFIGURATION & SPECIFICATION

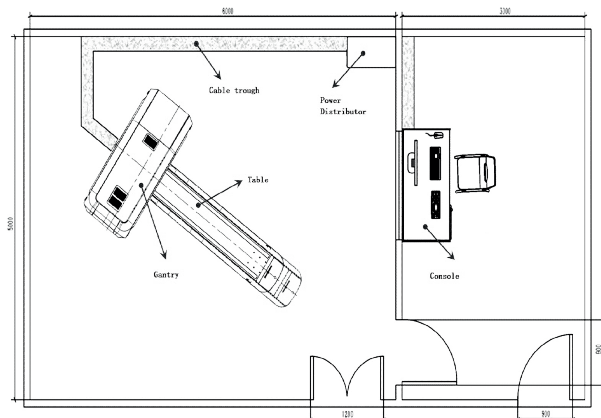
\* All specifications are subject to change

Gantry	Gantry Aperture	70 cm
	Tilt	± 45 ° digital
	Scan FOV	43 cm
	Rotation speed(@360°)	0.7sec , 0.8sec , 0.9sec , 1.0sec , 1.5sec , 2.0sec
	Focus to detector Distance	968 mm
	ISO Center to ground Distance	900 mm
	Laser Localizer	3D localizer laser lamp
	Axial position accuracy	≤ 1 mm
	Coronal and Sagittal position accuracy	≤ 2 mm
Patient Table	Table board width	42 cm
	Table load capacity	206 kg
	Max. range of horizontal movement	1,600mm
	Max. scan range	1,400mm
	Position accuracy	± 0.25 mm
	Horizontal movement speed	2.5-150 mm/s
	Vertical Movement Range	350 mm
	Min. table height	540mm
Operation Console	Operation control speed	20mm/s and 150mm/s
	CPU	4 cores , 3.0 GHz
	Hard disk capacity	2 TB, up to 1,200,000
Tube	Monitor display	24" LCD, 1024x1024
	Anode heat capacity	3.5 MHu
	Max. anode heat dissipation Rate	735 kHU/min
Generator	Focal Spots size	Small : 0.7mm x 0.8mm / Large : 1.2mm x 1.4mm
	Max. Output	42kw
	MA range	10mA~350mA
	kV range	70kV / 80kV / 100kV / 120kV / 140kV
Detector	Continuous scan time	100sec
	Detector material	GOS solid state
	Detector rows	24
	Detector channel	18,432
	Total channel No. per row	768
	Slice thickness	0.6 mm
	Detector width	19.2 mm
	Data transfer rate	4.25 Gbps
Data sampling rate	2,304 views/rotation	
Data acquisition mode	16 Slice	16 x 0.6mm, 16 x 1.2mm
	32 Slice	32 x 1.2mm, 32 x 0.6mm

## PACKING INFORMATION

Weight	1,400 kg	280 kg	70 kg	30 kg
Dimension	2,170 x 1,100 x 2,090	2,520 x 730 x 1,120	2,050 x 1,050 x 1,035	1,730 x 860 x 455

## SITE PLANNING



- Min. Area of scanning room: 18 m<sup>2</sup>
- Recommended Room Size: 30 m<sup>2</sup> (6.0 m x 5.0 m)

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