

TOSHIBA

Asteion

Super 4 Edition

Multislice Subsecond Helical CT Scanner



Long
Couch

Super-4
Series

Fast
Recon

Isotropic

Performance Specifications

Scan System	360° Continuous Rotate / Rotate
Scan plan programming	Up to 360 different sequences can be programmed
Scan time	0.75, 1, 1.5, 2 and 3 sec.
Scan field	480 mm max.
Slice Thickness	0.5, 1, 2, 3, 4, 5, 8, 10mm
Acquisition (4 rows)	0.5 mm X 4 rows, 1mm x 4rows, 2mm x 4 rows, 3mm x 4rows, 4mm x 4 rows, 5mm x 4 rows
Gantry tilt angle	Forward 30° , Backward 30°
Helical scan	Max 100 s

X-ray tube Capacity	4 MHU
Tube KV	80, 100, 120 and 135 Kv
Tube mA	10 mA to 300 mA
Rated output	42 KW

Detection System	Solid state Detectors
Main Detector	788 Channels X 22 elements
No. of elements	17,336

Image Matrix	512 X 512
Image Disk Capacity	16,000 images
Raw Disk Capacity	4000 rotations
DICOM media (MO)	9600 rotations
Display Monitors	19-Inch LCD Monitor x 1 units
Image Matrix	1024 x 1024
Window Level / width	Continuously variable
Image Display Speed	Variable

Image processing	3-D color Image – High quality – Rapidly 3-D surface & Volume Rendering (Max - IP & Min- IP) MPR & Curved MPR
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Power Requirements	200 V, 3 phase, 75 KVA
Room temperature	20°to 26°c
Min. area for installation	CT room – 25 m ² , control room – 6 m ²



SHREEJI SCAN SERVICES

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