

TOSHIBA

Aquilion

64-Slice Whole Body Scanner



SHREEJI SCAN SERVICES

Performance Specifications

Scan time	0.5, 0.75, 1, 1.5, 2 and 3 sec.
Gantry Type	Direct Drive Motor – Cylinder Type Rotation Frame
Scan field	500 mm max.
Slice Thickness	0.5 , 1, 2 ,3, 4, 6 and 8 mm
Acquisition (64-rows)	0.5 mm X 64 rows, 0.5 mm X 32 rows, 1 mm x 32 rows , 0.5 mm X 16 rows ,1 mm x 16 rows, 2 mm X 16 rows
Gantry tilt angle	Forward 30° , Backward 30°
Gantry Aperture	720 mm
Patient Couch	Metal-less Couch top, 470 mm width (Widest in industry)
Helical scan	Max 100 s
Display Monitors	19 inch LCD Monitors x 2 units

X-ray tube Capacity	7.5 MHU
Tube KV	80 , 100, 120 and 135 KV
Tube mA	10 mA to 500 mA (steps of 10 mA)
Rated output	Max 60 KW

Detection System	Solid state Detectors
Main Detector	896 Channels X 64 elements

Reconstruction Time	0.4 second
Real Technology	Real Time Helical (12 frames per second), SURE®Start
Image Disk	85 GB
Raw Disk	144 GB
DICOM media - DVD RAM	9.4 GB (Double sided)

Image processing	3-D color Image – High quality – Rapidly 3-D surface & Volume Rendering (Max - IP & Min- IP) Cine Display MPR & Curved MPR
Voice	Programmable Pre and post scan voice

Special Applications	Cardiac function analysis software VesselView
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Scan Mode	S & S, S & V, Helical, GG – Helical, GR – Helical, Dynamic, SURE Start
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Power Requirements	200 V, 3 phase , 100 KVA
Room temperature	20°to 26°c
Min. area for installation	CT room – 25 m ² , control room – 6 m ²



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