

TOSHIBA

Aquilion

16-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 (16-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 40 elements
Slice width	32-mm slice width

Reconstruction Time	0.5 second
Real Technology	Real Time Helical (12 frames per second), SURE®Start
Image Disk	73 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

Scan Mode	S & S, S & V, Helical, GG – Helical, GR – Helical, Dynamic, SURE Start
-----------	--

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



SHREEJI SCAN SERVICES

9, Sethi Compound, Behind Ideal School, Jambuva, Vadodara
606, P.B. Parekh Tower, Nr. Diwan Ballubhai School, Kankaria, Ahmedabad
Mr. Girish : 93282 089 47 ; Mr. Piyush : 93282 533 79