MAIN SYSTEM SPECIFICATIONS

Maximum number of slices	16 slices/rotation (32 slices/rotation*)
Fastest rotation time	0.75 s (0.6 s*)
Maximum generator power	42 kW
X-ray tube unit heat capacity	5 MHU
Gantry bore	780 mm
Reconstruction speed	Up to 15 fps with AIDR 3D
Low contrast resolution	2 mm @ 0.3 %

* Option

ADVANCED APPLICATIONS

- SURESubtraction*
- SURESubtraction Lung*
- SURESubtraction Ortho*
- SUREFluoro™*
- SURECardio™ Scoring*
- CBP Study*
- Dental View*
- Vessel View*
- Colon View*
- Fat Index View*
- vHP (variable Helical Pitch)*
- Lung Volume Analysis*
- FlyThrough*
- SEMAR (Single Energy Metal Artifact Reduction)

TOSHIBA MEDICAL SYSTEMS CORPORATION

http://www.toshibamedicalsystems.com

Model number: TSX-035A MCACT0268EAA 2015-05 TMSC/D

Toshiba Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.

Toshiba Medical Systems Corporation Nasu Operations meets the Environmental Management System standard ISO 14001.

Printed in Japan

Computed Tomography

TOSHIBA

Leading Innovation

Lightning *Aquilion*

Premium compact CT system for your clinical needs — today and in the future

Aquilion Lightning™ employs cutting-edge technologies to optimize patient care and accelerate clinical decision making.

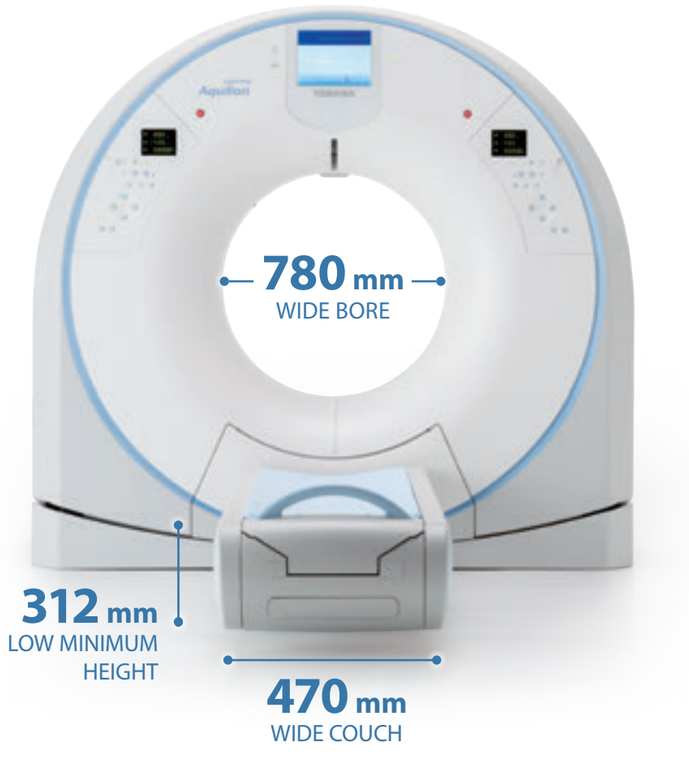
Innovative features ensure that high-quality isotropic images for best possible diagnosis are routinely acquired with the lowest possible patient dose. The workflow is streamlined, increasing patient throughput. And a wide range of advanced 3D and postprocessing applications provide clinical flexibility. Together, these features make Aquilion Lightning a powerful workhorse.

EFFICIENT DESIGN FOR SAFETY, REDUCED COSTS, AND ENVIRONMENTAL PERFORMANCE

The Aquilion Lightning gantry features design innovations to improve the scanning experience for patients as well as providing excellent operability and ensuring safety. The spacious 780 mm wide bore and 470 mm wide couch ensure comfortable scanning for even the largest patients.

With a design also focusing on smaller installation space and power consumption, Aquilion Lightning requires a minimal footprint of 9.8 m^2*, compact enough to meet even the most restrictive siting requirements. Innovative Adaptive Power Management technologies dramatically decrease energy requirements, reducing running costs and easing the environmental impact.

* Short couch version



SAFER IMAGING — BETTER CARE

Through lower radiation doses and low-kVp imaging, Toshiba's new PUREViSION detector offers peace of mind in the optimization of radiation and contrast dose protocols, permitting physicians to perform safer CT examinations for all patients.

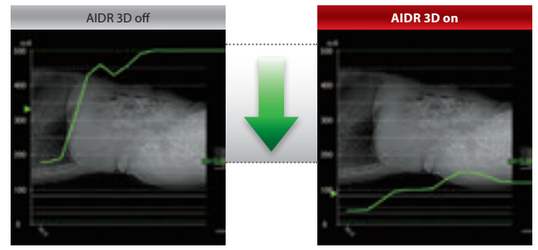
Breakthrough innovations in manufacturing processes and Data Acquisition System (DAS) design have resulted in a detector with a 40% increase in light output and minimal electronic noise, making PUREViSION one of the most efficient detectors commercially available and still the only detector featuring true 0.5 mm resolution.

360 SAFETY

INTEGRATED DOSE REDUCTION — THAT WORKS

Toshiba's 4th generation iterative reconstruction AIDR 3D Enhanced is fully integrated into the automatic tube current modulation software SUREExposure™ 3D, taking the guesswork out of optimizing patient dose. The exposure dose is automatically reduced by up to 75%.

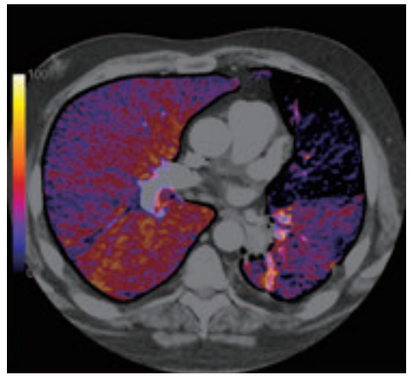
With SUREkV, the lowest kV will be selected based on patient size and SUREExposure settings for low-kVp imaging.



AIDR 3D integrated

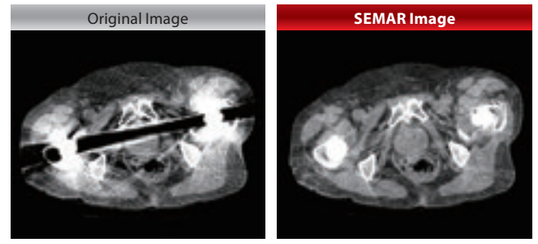
ADAPTIVE DIAGNOSTICS

SURESubtraction™ and vHP (variable Helical Pitch) are Toshiba's unique Adaptive Diagnostic Scan modes that simplify complex protocols and provide excellent results.



SURESubtraction Lung reveals occult pulmonary emboli.

SEMAR™ (Single Energy Metal Artifact Reduction) is the latest addition to the Adaptive Diagnostic suite of technologies. A sophisticated algorithm is utilized to virtually eliminate metal artifacts, improving visualization of implants and supporting bone and adjacent soft tissue for a clearer and more confident diagnosis.



Adaptive Diagnostics
Clinical Solutions