
Toshiba's Innovation: Industry's Only Scalable Premium CT Solution



Unmatched Flexibility and Clinical Capabilities Designed for the New Healthcare Environment

Leading healthcare providers now have a scalable top-tier CT solution with the launch of Toshiba America Medical Systems, Inc.'s Aquilion ONE Family. As healthcare providers strive for more efficient, accurate and safe patient care, the Aquilion ONE Family offers systems that can match the clinical needs of today with a field-upgradable path for the future. The Aquilion ONE Family includes three systems: Aquilion ONE 320, Aquilion ONE 640 and Aquilion ONE ViSION Edition.

The Aquilion ONE Family expands the range of patients and diseases that can be diagnosed with cost-effective CT imaging. Aquilion ONE 320 covers 8 cm of anatomy in a single rotation using 320 slices and 0.35 second rotation speed.

With the Aquilion ONE 640, entire organs like the heart and brain can be imaged in a single 640-slice rotation, covering 16 cm. The dynamic volume imaging capabilities of this system can also capture both anatomy and function, which has proven to change the way physicians diagnose diseases like heart attack and stroke with a single, comprehensive CT scan.

The Aquilion ONE ViSION Edition includes all the capabilities of the Aquilion ONE 640 and can accommodate even more patients, particularly those with high heart rates, with its faster 0.275 second rotation and more powerful 100 kW generator.

All three systems feature the industry's thinnest slices of 0.5 mm, a large 78 cm bore and a 660 lb. capacity couch for bariatric imaging. To ensure dose and safety is not a choice that customers or patients have to make, all Aquilion ONE Family systems come standard with Toshiba's complete suite of dose reduction technology. This includes Toshiba's third-generation iterative dose reconstruction software AIDR 3D, equipped with the requirements to meet MITA's XR-29 Smart Dose standard. To improve workflow by making complex exams easier to perform, the systems also come with Toshiba's Adaptive Diagnostics technology.

"We listened to our customers in developing the Aquilion ONE Family, providing the industry's best CT solutions to improve outcomes and the patient experience," said Satrajit Misra, senior director, CT Business Unit, Toshiba. "The ability to upgrade systems without replacing hardware provides unmatched flexibility that no other premium CT system can offer."

[Source: Toshiba Medical Systems](#)

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