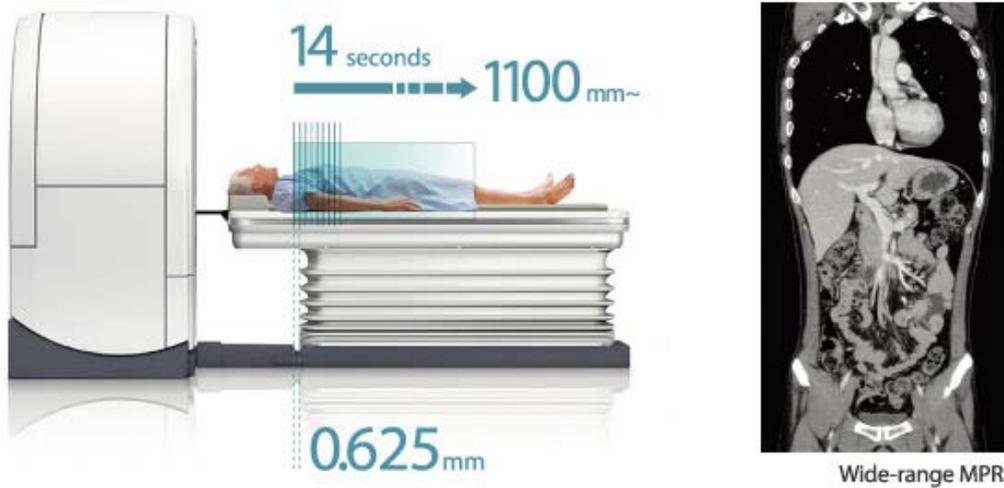


FIND A CT THAT MEETS YOUR IDEALS

In the modern healthcare environment the demand towards CT goes beyond simple high throughput and accurate diagnosis. Efficient operator workflow, improved patient experience and easy installation into existing facilities are also main considerations. Speedia HD enables high-speed whole-body scanning with sub-millimetre slices, which is difficult to achieve on 16 slice CT systems. A single breath hold (approx. 14sec.), can produce high-resolution images in the range of 1100mm or more. Thereby allowing wide range, high resolution MPR images to be acquired as routine.



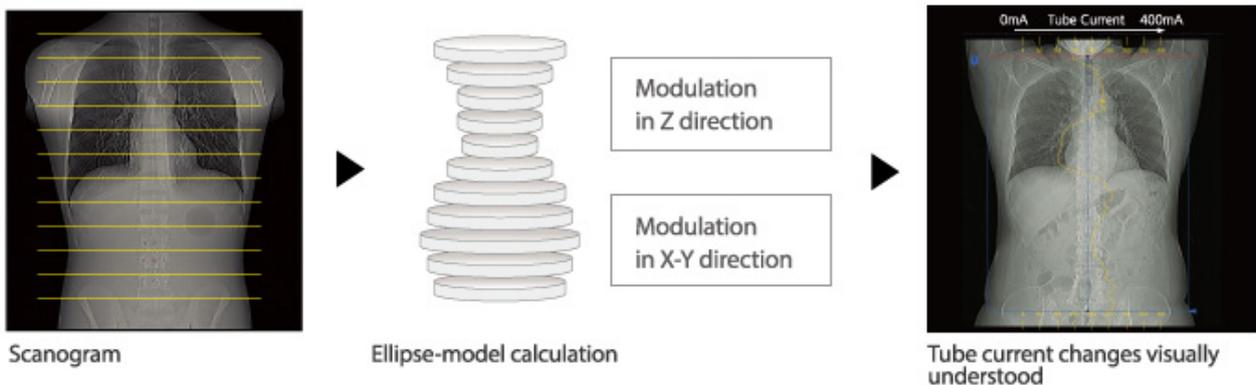
Speedia HD with its 40mm width detector and unique 3D reconstruction algorithm-CORE method, achieves the high-speed scan even when using a pitch of 1.58. Therefore, it enables a chest area of 320mm to be scanned in only 4.5sec and a thoraco-abdominal area of 570mm in just 7.5sec. This reduces the burden on the patients who have difficulty maintaining a still position or holding a breath for a long-time.

CORE satisfies both of High-Speed Scan and High Image Quality

CORE (Cone-beam Reconstruction) method which is a unique 3D reconstruction algorithm optimizes the range of acquisition data to be reconstructed. By utilizing the data across the whole detector effectively, a high-quality image with less artefact can be obtained even with a high-pitch scan.

Automatic 3D mA modulation for dose optimization

The tube current is optimized in a 3D direction (X-Y-Z) based on information on the size of the patient obtained from the scanogram and preset target SD. This allows the production of images at a constant noise level, over the entire scan region optimizing the balance between image quality and exposure.



Display and distribution

Managing the patients dose information and its transfer to the connected PACS system efficiently has become of high importance. Simple Dose Report can save the data as secondary capture and send to PACS. DICOM Dose SR sends the dose information to PACS as a structured report.



Supporting an Efficient Workflow

Open & Compact

A class leading bore size to reduce patient anxiety, while maintaining a compact foot print to improve installation into existing rooms.

Operator-friendly

24-inch wide monitor clearly displays all the information in one view. Controller is attached to the keyboard. More compact operating environment than a 2 monitor console.

An operator-friendly GUI delivers the latest design CT system. Intuitive and easier operation with Quick-Entry mode enables simple operation for all users with fewer buttons and larger icons.

<https://www.fujifilm.eu/eu/products/medical-systems/computed-tomography>