

# MY-D055C-A

Computed Tomography System  
32 Slice CT System



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# 32 Slice CT with Leading Technology

## MY-D055C-A

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### Fourth-Generation Spatiotemporal Detector

Equipped with an ultra-thin 0.6mm high-speed rare-earth ceramic detector

### High Heat Capacity Metal Tube

Equipped with an original Varian 3.5M/5M metal tube

### Low-Radiation Imaging Mode

Utilizes low-KV technology for low-dose imaging at 60KV

### Comprehensive Clinical Applications

Whole-body scanning meets hospital clinical requirements  
Enhanced clinical value through comprehensive software functionalities



# 32 Slice CT System

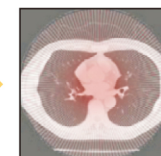


Equipped with an original imported Varian 3MHU / 5MHU high heat capacity metal tube. Utilizes a rhenium-tungsten alloy anode target, dual-focus, high heat dissipation rate, ensuring stable X-ray emission for precise radiation sources. The durable metal tube significantly reduces wear and improves utilization efficiency.

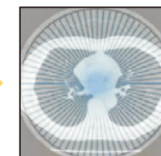


Equipped with a fourth-generation high-speed rare-earth ceramic spatiotemporal detector with "zero" afterglow effect, enabling 24-row oversampling to generate 32 slices, improving acquisition efficiency and enhancing image quality.

## High-Efficiency Multi-Sampling



Advanced Acquisition Method



Traditional Acquisition Method



Equipped with a stable and safe 42KW/48KW high-voltage generator using low-KV technology. Allows automatic or manual tube voltage adjustment from 60KV to 140KV for low-radiation imaging, ensuring high-quality images under low-dose conditions.

Comprehensive clinical functions: patient registration, examination, browsing, MPR/CPR, maximum/minimum density projection, 3D reconstruction CTA, metal artifact reduction, pediatric software package, lung nodule analysis, colon analysis, and more to meet hospital-wide clinical needs.



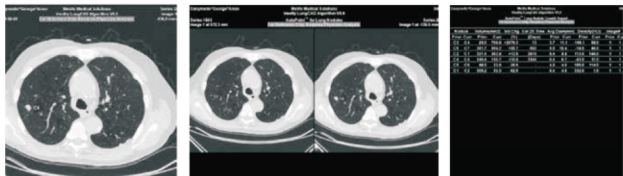
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Intelligent Diagnosis, One-Stop Solution

## Optional AI Integration

Intelligent CT image analysis to identify regions of interest similar to lung nodules. After the radiologist's initial review, computer-aided detection assists in diagnosis. Among cases initially deemed nodule-free, a 23% detection rate was observed, and after a second review, the missed detection rate dropped to 8.4%. This significantly reduces missed diagnoses, serving as a valuable assistant for radiologists.



Supports Full-Range  
Imaging Equipment



Intelligent Gateway Devices



Cloud Imaging Diagnosis Platform



Diagnostic Reports



Radiology Specialist Network





