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Vendor Siemens Medical Solutions USA, Inc.

Item SOMATOM® Sensation Cardiac 64-Slice Scanner

Features

- Previously unachieved image quality with 64 or 40 slices per rotation.
- Visualization of smallest anatomical structures with the industry's highest isotropic resolution of below 0.4 mm at any scan speed and any position within the scan field.
- Exceptional image quality with complete visible spiral artifact elimination.
- Ultra-high resolution bone imaging with 0.24 mm isotropic detail.
- Industry's fastest gantry rotation speed of up to 0.33 s per rotation for robust and motion artifact free cardiac imaging.

- **Fastest submillimeter scanning with up to 87 mm/s for increased diagnostic confidence.**
- **Large power reserves provide 80/100 kV imaging without usual mA limitations, increasing soft tissue contrast visualization while reducing dose.**
- **0 MHU anode heat storage capacity combined with the unique cooling rate of 5 MHU/min eliminates any cooling delays and maximizes patient throughput.**

Approval	Inquire
Product Number	Inquire
Slices	64-slice configuration Also available in a 40-slice configuration
Detector	Multislice UFC™ (Ultra Fast Ceramic) Detector
Scanning	Inquire

SOMATOM Sensation is the highly respected single-source CT solution, from imaging the smallest coronary branches to visualizing plaque. With its proprietary STRATON® X-ray tube, Siemens provides the industry's fastest rotation time of 0.33s, virtually freezing the heart's motion. Utilizing the unique z-Sharp™ Technology, the system delivers unprecedented diagnostic detail with up to 64 slices per rotation and 0.4 mm isotropic resolution at any scan speed.

All attempts have been made to ensure accurate data. Medical Imaging Resources, Inc. assumes no responsibility for any unintentional errors or omissions.