



RSNA 2013: New Siemens Mammomat Fusion Launched For Midrange Price Segment



Mammomat Fusion enhances current portfolio of mammography systems
New, robust detector for high image quality at optimized dose
More efficiency thanks to integrated technologies from premium segment

Siemens is presenting the mammography system Mammomat Fusion for screening and diagnostics at the annual conference of the Radiological Society of North America (RSNA) in Chicago, USA. The latest addition to the family of mammography systems from Siemens Healthcare combines robust technology with selected product features from the premium segment to address the specific needs of the midrange price segment – volume screening centers and small to medium- sized hospitals.

Several aspects play an important role in mammography screening: High patient volumes, fast and easy operation, as well as the right balance between dose and image quality. That is why Siemens Healthcare is one of the first manufacturers to integrate a new generation cesium-iodide detector in a mammography system: Mammomat Fusion delivers reliable, high-quality images quickly thanks to this new detector.

An innovative layered configuration of the photo diodes within the detector enables more efficient utilization of the radiation. The result is higher resolution with a lower dose when compared with other cesium-iodide detectors. The large image matrix of 23 x 30 centimeters makes Mammomat Fusion the right choice for screening various breast sizes.

In addition, Mammomat Fusion features selected technologies developed for the Mammomat Inspiration premium system: OpDose ensures that the radiation dose can be individually set for each patient – without compromising excellent image quality. The appropriate parameters can be selected in accordance with the patient's breast size and density. The screening process is also much easier for clinical staff thanks to the compact, syngo-based Acquisition Workstation (AWS). Patient data can be loaded directly from the Radiology Information System (RIS), without the need for a second workstation. Clinical personnel also benefit from an intuitive and automated workflow: The system is ready for scanning with just one click, and manual positioning is extremely easy – so that more time and attention can be focused on the patient.

Source: [Siemens](#)

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