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Mammomat Fusion

Where premium meets everyday mammography

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Mammomat Fusion distinguishes itself with its premium features for everyday mammography.

Mammomat Fusion

Where premium meets everyday mammography

Early detection and optimal diagnostic accuracy play a crucial role in mammography screening. Accomplishing this, however, requires a highly standardized workflow and high-quality images. At the same time, mammography screening requires the examination of thousands of women. Financial sustainability is therefore also crucial.

Mammomat Fusion* is a premium mammography system made to enhance everyday screening and diagnostics. The refined, automated workflow performs complex tasks at the click of a button, enabling a high patient throughput without compromising on patient experience. The new-generation, high-resolution detector is remarkably robust and dose-efficient, allowing you to enjoy peace of mind, while low operating costs, attractive service packages and high patient throughput help you get your money's worth.

Mammomat Fusion enables the efficiency and accuracy you need by providing a cost-efficient, premium-quality digital mammography system.

Do it in a click

With a selection of premium, easy-to-use features and a refined workflow, you can perform screening and diagnostics quickly and effortlessly.

Enjoy peace of mind

The new, particularly robust detector features trendsetting MaxFill technology, providing high-resolution images to increase your diagnostic confidence at the right dose.

Get your money's worth

With Mammomat Fusion you benefit from an excellent financial performer. Its selection of premium features increases exam speed for high patient throughput. Enjoy low operating costs and attractive dedicated service packages.

Discover how premium technology can improve your everyday screening and diagnostics. Because detail matters.

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Do it in a click

Achieve high patient throughput and reduce staff training requirements with a proven workflow and our unique syngo user interface.

Ergonomic acquisition workstation

Easily adjust the workstation table* to the height of your choice and select your preferred monitor configuration. Enjoy the intuitive operation of one central syngo-based workstation.

Complete data integration

Click just once to import patient data from the radiology information system (RIS*). This saves time and space with no need for a RIS workstation in the examination room. With a huge storage capacity for more than 30,000 images and comprehensive networking, the system easily manages high volumes of image data.

Efficient one-click-to-image

Perform the whole screening procedure with just a click. The particularly intuitive and seamless screening workflow helps you add speed, comfort and efficiency to every examination. By clicking again, the scheduler opens the next patient automatically.

Convenient Single-Touch Positioning

The brief single touch of a button is all you need to move the system between your predefined positions – such as from cranio-caudal to mediolateral-oblique, for time savings you will really notice.

Seamless isocentric rotation

The center of the detector always remains at the same height, so you can move to the next view with just one click, reducing preparation time and adding efficiency.

Multiple X-ray release

A flexible range of release options include the control console button, a handswitch or footswitch, so you can choose the solution that best fits your screening needs. The image is only one click away.

Stereotactic biopsy

Clear-cut procedures and intuitive operations are the key to fast and accurate examinations. With this in mind, we have designed a stereotactic biopsy** solution that reduces the necessary workflow steps and guides the operator through the procedure.



Ergonomic acquisition workstation



Convenient Single-Touch Positioning



Stereotactic Biopsy



* Option

** Option. Stereotactic Biopsy on Mammomat Fusion is not commercially available. Due to regulatory reasons its future availability cannot be guaranteed.

Enjoy peace of mind

Achieve consistent diagnostic results with the new, particularly robust detector that reliably provides high-resolution images year after year.

New-generation CsI detector

The innovative new-generation CsI detector technology improves spatial resolution and dose efficiency. With its large 23 cm x 30 cm (9" x 12") format, the remarkably robust detector provides the coverage you need and is perfectly suited for challenging situations, such as bus-installed mobile screening units. The system is ready to use quickly, as no warm-up time is required.

Unique MaxFill Technology

MaxFill technology uses the incoming X-rays more efficiently. The effective X-ray-sensitive area of each pixel has been significantly increased with an innovative multi-layer design. This new detector architecture results in a smaller, 83 µm pixel size and higher detective quantum efficiency (DQE) compared to previous technologies, for better image quality at the right dose.

Personalized OpDose®

Depending on breast density and thickness, OpDose determines the exposure parameters required for each breast individually and uses Automatic Exposure Control to acquire the best-possible image. OpDose automatically excludes the pectoral muscle from its calculation.

Personalized OpComp® with SoftSpeed

Thanks to OpComp with SoftSpeed, the compression slows down as soon as the plate reaches the breast. Compression is increased only as long as the breast is soft and pliable, stopping automatically when the optimal level of compression is reached, improving image quality and patient comfort.

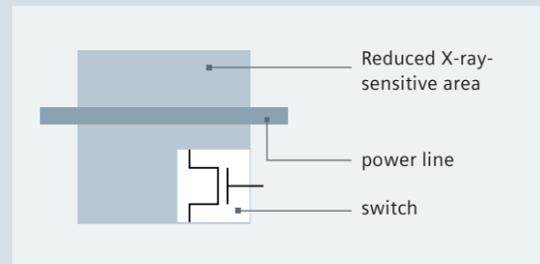
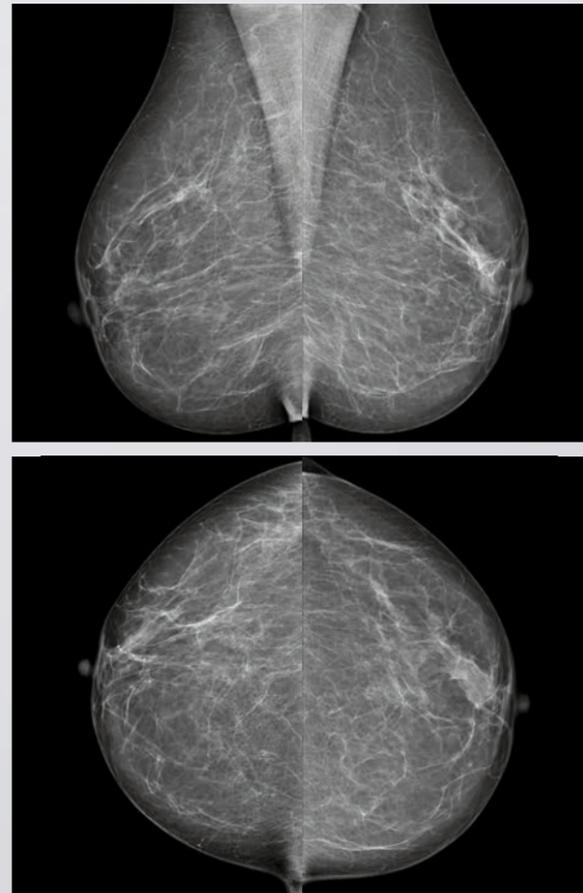
Flexible Opview

Enjoy sharper, easily adjustable images using newly refined image processing software. You can select the configuration that best fits your clinical needs from a range of predefined image impressions and flavors.

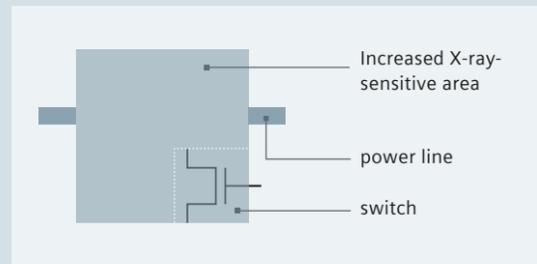
Calming MoodLight

Getting women to relax during mammograms can be as simple as changing the lighting. The unique MoodLight* panel allows you to select specific colors or a series of changing colors.

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Conventional CsI technology
Elements such as the switch and power line reduce the X-ray-sensitive area of each pixel.



New CsI Technology with MaxFill
Placing elements such as the power line and switch underneath the pixels significantly increases the X-ray-sensitive area.



Get your money's worth

Reduce operating costs while increasing patient throughput with a system focused on financial performance.

The cost-effective choice

A range of workflow-optimizing features, such as one-click-to-image, Single-Touch Positioning and RIS integration as well as a robust and reliable detector technology enable you to screen up to 15 women per hour*. This adds up to significantly higher throughput and profitability for your screening site.

Wide range of accessories

Mammomat Fusion supports you with magnification, spot imaging, 2D biopsy as well as Stereotactic biopsy** options. A selection of screening and diagnostic compression plates adapt the system to your clinical requirements at any time.

Service tailored to you

Easily customize comprehensive service options from Siemens to your precise requirements. From preventive maintenance to technical phone support and parts coverage, our Protect Plans or Performance Plans are proven service packages that include proactive service and rapid on-site technical response.

Convenient remote service***

In order to meet your performance expectations at any time, we focus on delivering fast response when you need us. Siemens Remote Services as well as our remote updates allow you to optimize your system availability – and your return on investment.



Affordable reading and archiving solution

*syngo.plaza***** accelerates your mammography reading by loading images quickly and allowing you to define the workflow steps you require. It is an affordable PACS and mammography reading solution that scales to your needs. From a single user workstation to a client-server configuration with floating licenses, it allows multiple users parallel access to all mammography images.



Join the revolution: because detail matters.

Mammomat Fusion is a premium mammography system made to enhance everyday screening and diagnostics.

The refined, automated workflow performs complex tasks, such as stereo biopsy*, at the click of a button, allowing you to achieve high patient throughput. The unique *syngo* user interface and proven workflow also reduces training requirements and staff fatigue.

The new-generation, high-resolution detector is remarkably robust and dose-efficient, enabling consistent diagnostic results by providing high-resolution images year after year. The unique MoodLight* helps women to relax during a mammogram, enhancing your institution's reputation with both patients and referrers.

The system's low operating costs, attractive service packages and high patient throughput also help you focus on financial performance.

Mammomat Fusion enables the efficiency and accuracy you need by providing a cost-efficient premium system for everyday mammography.

Service tailored for you

Helping you advance your system utilization and improve your workflow, Siemens' comprehensive service offers can be tailored to your precise needs. From preventive maintenance and system updates to fast on-site response, from technical phone support to Siemens Remote Service, our proven Performance and Protect Plans are designed to help improve system availability while providing predictable cost and greater efficiency.

Closer by design

Closer to technology and closer to you, Siemens Healthcare Customer Services delivers extensive experience combined with innovative solutions to help protect and optimize your investment in Mammomat Fusion over the entire product lifecycle; services that help improve uptime, increase performance and enhance workflow for sustainable health-care, while helping to train your staff to deliver excellent quality results.

* Options. Stereotactic Biopsy and MoodLight on Mammomat Fusion are not commercially available. Due to regulatory reasons their future availability cannot be guaranteed.

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* Data on file
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*** Only available to systems that are connected to the Siemens Remote Services platform.

Facts

How much mammography every day?

3,000,000,000
women live on the planet.

650,000,000
are eligible for breast cancer screening programs.

225,000,000
mammography exams per year.

615,000
women need access to premium digital mammography every day.

Where premium meets everyday mammography.

Calming MoodLight*
An integrated LED panel with a broad range of colors to choose from emits a soothing light. For a more relaxing exam.

Convenient Single-Touch Positioning
moves the system with a single press of a button and allows you to work seamlessly.

Tungsten tube with rhodium filter
saves up to 50% dose compared to Mo/Mo, and enables a high tube load capacity.

Individualized OpComp® with SoftSpeed
automatically stops when the optimal compression for the best possible image quality is reached.

Seamless isocentric rotation
retains the detector at the same height when moving to the next view for faster and easier positioning.

Personalized OpDose® with AEC
individually selects the right dose for each woman.

Mammomat Fusion

Where premium meets everyday mammography

Flexible OpView
Selection of five so-called flavors for image impressions. Choose the one for your needs.

Efficient one-click-to-image
starts the exam with a single click and the system is ready for the first exposure.

Ergonomic acquisition workstation
provides access to all patient and exam data on one central syngo-based workstation.

Stereotactic Biopsy*
The system intuitively guides you through the entire procedure. Efficient and reliable workflow for optimum diagnostic confidence.

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