

FUJIFILM

Development
Announcement

Digital Mammography Evolves Enhanced usability and examination comfort

The Amulet's new functionality and ergonomic design achieves improved usability and a more comfortable examination experience whilst maintaining superior image quality.

Full function model suitable for both routine and Stereotactic Biopsy examinations

AMULET *f*
FUJIFILM DIGITAL MAMMOGRAPHY SYSTEM

Standard model suitable for routine examinations

AMULET *S*

"AMULET" derives from the Latin, *amuletum* and means "an object that protects a person from troubles, and brings good luck and fortune."

Not yet 510(k) cleared for sale in the U.S.*

Not yet for sale in Europe (no CE mark yet).*

Not yet authorized for sale in Japan under PAL.*

*As of March 3, 2011

For the future of mammography, FUJIFILM offers top image quality and maximum examination comfort



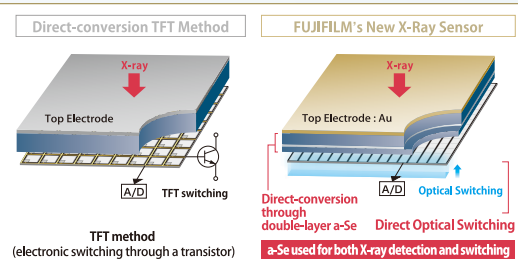
Highly precise image depicting details of microcalcifications

Top quality images from a flat panel featuring 50µm resolution

Incorporating FUJIFILM's patented Direct Optical Switching Technology

AMULET f and AMULET s use a direct conversion X-ray sensor with excellent conversion efficiency. The panel comprises of a dual layer of a-Se, employing FUJIFILM's proprietary Direct Optical Switching technology, instead of thin film transistors (TFTs), to directly read the signal more efficiently. This technology ensures lower image noise and allows a pixel size of just 50µm to be achieved as well as permitting shorter inter-exposure times (15 seconds). AMULET f and AMULET s provide high resolution images, high DQE and optimise workflow.

New X-ray sensor diagram



Mammography with more comfort and usability as standard

Mindful of examination comfort and ease of use for Radiographers



- Dual rotation controls are available for use dependant upon examination.
- Displays in the middle and at the foot of the unit display examination information, compression force, etc.
- The display at the foot of the unit also shows the patient information in color on the LCD panel.
- Ergonomically designed arm rests and foam chest wall/axilla pads provide well balanced and gentle support.
- "Single touch" function automatically positions the Amulet to the specified angle for faster examinations.



Specially designed AWS (Acquisition Workstation) for enhanced workflow

- Integrated X-ray controller allows setting and confirmation of imaging conditions on a single screen.
- Portrait-style monitor enhances both image viewing and operability.
- Examination screen can be split and switched between 1, 2, or 4 images on a single screen.
- Connection to an optional 2nd, high resolution monitor can allow automatic display of previous images and detailed image review for even greater versatility.



Optional Stereotactic biopsy functionality

By adding the stereotactic biopsy unit (biopsy positioner) and dedicated software, the high resolution monitor displays detailed images of 50 µm, enabling precise and efficient biopsy examinations.



*Adaptable to AMULET f only

Notes:

- Panel type (18 x 24 cm or 24 x 30 cm) or tube/filter type (Mo/Mo, Rh or W/Rh) can be selected according to the purpose of use.
- The functional difference between AMULET f and AMULET s is the availability of the Stereotactic biopsy option on AMULET f.



FUJIFILM supports the Pink Ribbon Campaign for early detection of breast cancer

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<http://www.fujifilm.com/products/medical/index.html>

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