Functions List

High-definition Images and Fast Processing

- 5M High-resolution monitor is available.
- Fast display within about 4 seconds for 4 C plate images or 8 seconds for 4 PCM images.

View with Left and Right Full Images

- Four image display for each individual examination.
- Eight image display for comparison of previous and current examinations.
- Display positions of previous/current images are interchangeable.

View with Adjustable Contrast Resolution

- Preset grayscale display function.
- Black/white reverse display function with background blackening.

View with Adjustable Spatial Resolution

- Pixel-to pixel display function.
- Zoom function with a movable magnifying glass for close examination.

Various functions to allow maximum viewability

- Hanging protocol support for various displays.
- Mammo shutter function with left-right coupling.
- Image Thumbnailing function.
- GUI design in dark gray tone.

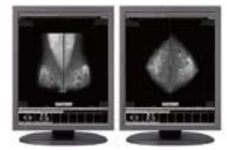
Wide range of other functions

- Media output by PDI(Portable Data for Imaging) for links and sharing between hospitals and clinics.
- Image data backup by internal DVD drive on the main server or by NAS server (option).

Product configuration

< Mammo Option for Image Interpretation >

- Standard Acies 1.5TB main server is recommended.
- 17/19-inch normal color monitor for patient selection; optional NAS server may be added.
- Mammo Option is compatible with Acies v 1.20 and later.



○ Mammo License for image interpretation
○ Acies 5M Monochrome monitor ×2
○ Acies Programmable numeric keypad (for Mammo)
○ Acies 2GB memory expansion (for Mammo)
○ High-resolution graphic board

Specifications (Acies main server)

Product name: Diagnostic Imaging Workstation Acies

		< 1.5TB Model >
Server Body	HDD	1.5TB (750GB×3, RAID5)
	Optical Drive	DVD-R drive
	Image Input	Max 10 channels
	DICOM Support	Storage (SCU, SCP) ·Q/R (SCP) ·Print (SCU) ·GSPS (SCP)
	Support SOP Class	CR, DX, CT, US, MR, SC, XA, XRF, NM, ES, GM, SM, XC, PT, RT, MG
	Image Output	Host 1ch/Imager 1ch/Client simultaneous connection max 5ch (including main server)
	Size (W×D×H)	175×460×478mm
	Weight/Power	About 14.5kg / AC 100V 650W
Viewer Function	Display	Grayscale, Window level change, Pan, Zoom in/out, Magnifying glass, Cine, Comparison display, Mammo display, 3D display (MPR/MIP/MinIP)
	Annotation	Line, Rectangle, Circle, Ellipse, Freehand, Text
	Offline Image Link	Media input (PDI, DICOM, JPEG, Bitmap), Media output (PDI, DICOM, JPEG, Bitmap)
	Others	Summary report, Imager output, Paper print.
Electric Storage	Storage Media	Write on DVD-R, Confirmation step (use recommended media)
	Log Management	Electric storage history, Patient information correction history
	User Certification	Login (into Viewer) history certification, Issuing authorization to user

★The above specifications may be subject to change without notice for the purpose of performance improvement.

PINK RIBBON

Konica Minolta is actively supporting the Pink Ribbon Campaign
in the effort to promote early detection and treatment of breast cancer.

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Acies
Mammo Viewer License

For all women's health

Giving Shape to Ideas

SPEEDY

&

EASY

Enhanced functions and fast display

Easy operation to provide comfortable environment for mammography viewing.

Acies is a highly-functional Server/Viewer system based on our latest PACS software. To realize our concept of "Easy operation" and "Enhanced functions", various features have been added to the system and the latest introduction is a software option making mammography image viewing more comfortable with enhanced display functions and workflow.

System configuration diagram

Fast display and smooth operation

Accurate interpretation of high-resolution mammography images with large information size. Acies Mammo Option allows quick and smooth handling of high-resolution images, from 43.75-μm high-resolution contact mammography system images (approx. 40MB) to PCM system ultra-high resolution images (approx. 130MB), by extensive revision and fine-tuning of both hardware and software. Fast display within 4 seconds for 4 Contact mammography images or 8 seconds for 4 PCM images.

High-resolution 5M image display

Compatible with 5M monochrome monitor to achieve high-resolution display of mammography images with large information size and improved visibility for interpretation.
Images are displayed at ultra high-resolution.

Full range of functions to allow maximum viewability

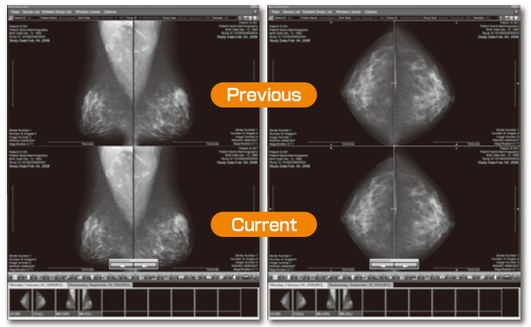
A wide variety of display methods are required to achieve diverse image interpretation objectives for examining minute lesions in mammography. Acies Mammo Option supports hanging protocols that allow free manipulation of the display method to suit your particular needs and situation.
Other functions to provide maximum viewability include "Eight Image Display for Previous-Current Comparison", "Black/White Reverse Display with Background Blackening", and "Image Thumbnailing".

Versatile system configuration

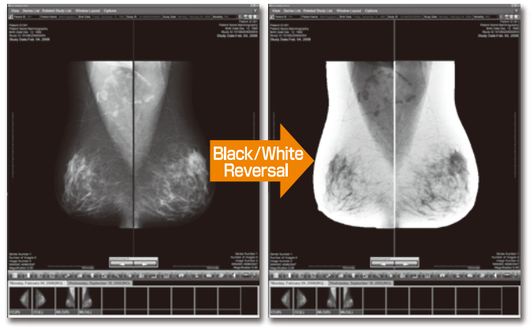
Flexible Server/Viewer configuration allows you to build an ideal system configuration and interpretation workflow operation to meet your needs. For seamless and comprehensive workflow of multimodality image interpretations, up to 10 channels of DICOM images from various modalities can be connected to concomitantly acquire images from mammo-related ultrasound and MRI. Up to 20 client PCs can be connected, allowing multiple users to access from different examination rooms.

*Standard simultaneous connection of client PC is 5 channels (including main server), expandable up to 8 channels. (Options)

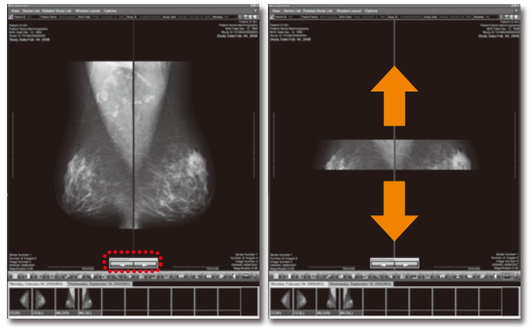
Various functions to support image interpretation



Eight Image Display for Previous/Current Comparison



Normal display and Reverse display with background blackening (right)



Hanging Control Dialog
(* movable to any location on the screen)

Mammo Shutter Display