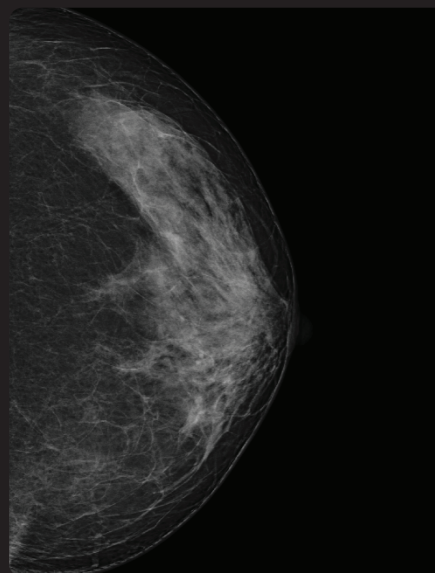
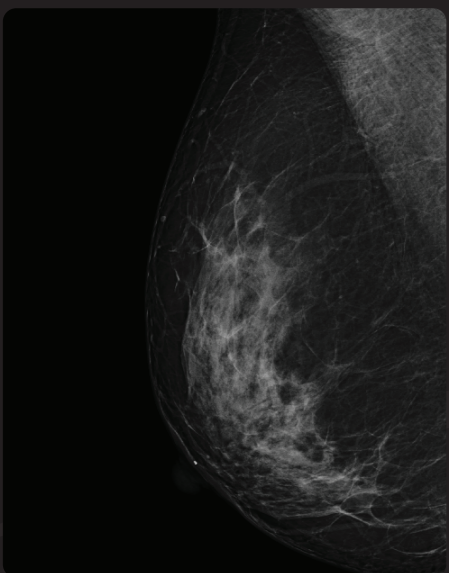


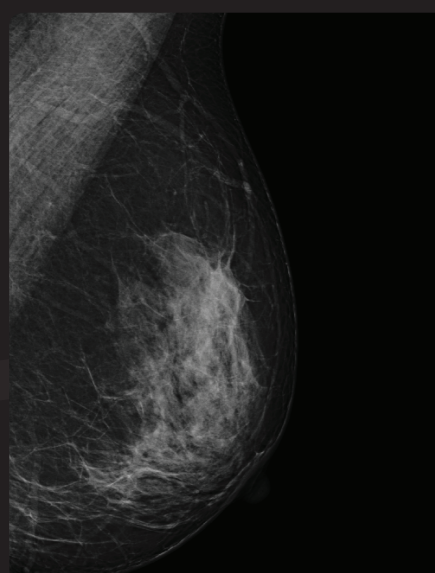
RCC



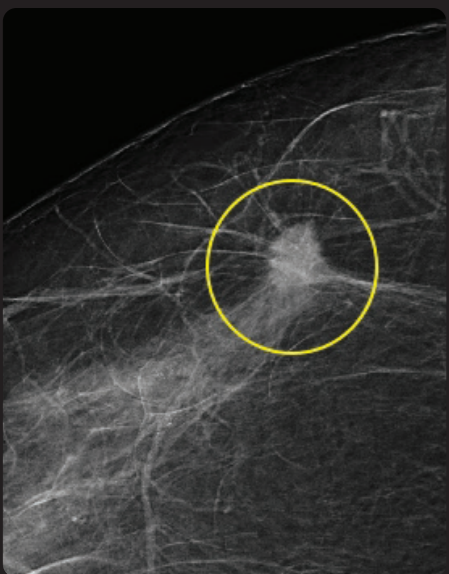
LCC



RMLO



LMLO



Spiculated Mass



Vascular Calcification



## Innovative Digital Mammography Upgrade Solution

VIVIX-M 1824S / VIVIX-M 2430S & VXvue Mammo

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**VIEWWORKS**  
 MRETROFIT-E201904

**VIEWWORKS**

Digital Mammography Upgrade Solution

Vieworks' innovative retrofit digital mammography solution

Vieworks, an Imaging Expert in radiographic imaging, proudly introduces a Mammography-dedicated retrofit solution of flat panel detectors for two sizes (10" x 08" and 12" x 10") and viewer program, VXvue Mammo, as one solution to upgrade the existing analog and CR system to the digital easily.

Why Vieworks' retrofit solution?

1 Field-proven retrofit solution

With more than 16,000 installations completed globally, Vieworks has gained its reputation as an innovator of flat panel detector manufacturer in a general radiography retrofit market.

2 Fast and easy upgrade

Via simple connection to the detector and installation of VXvue Mammo on your computer, you are all set to go. You can enjoy all the benefits of moving to digital without costly facility replacement.

3 High-performance

Superior image quality with 75µm pixel pitch provides clearer clinical images to assist diagnosis effectively. Moreover, VXvue Mammo maximizes the efficiency of workflow.



VIVIX-M 1824S

Small-area Flat Panel Detector for Mammography with High Resolution

VIVIX-M 2430S

Flat Panel Detector for Mammography with High Resolution

VXvue Mammo

Digital Mammography Acquisition Viewer for VIVIX-M Series

VXVUE M PureImpact M



VIVIX-M 1824S & VIVIX-M 2430S

Easy Upgrade

- Same size as a film or a CR cassette (ISO 4090)
- Specially designed to use conventional AEC systems
- VXvue Mammo
  - Viewer program specialized for mammography

TFT (Thin Film Transistor) Indirect Panel

- High reliability of X-ray panel
- Super durability

Thin Chest Wall Distance

- Convenient patient positioning
- Securing active area easily

75 µm High Image Quality

- Superior clinical image quality with 75µm pixel pitch
- Active area of 10" x 08" or 12" x 10"

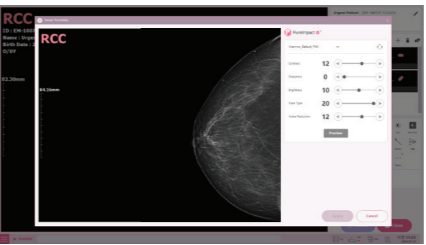
Technical Specifications

Model Name	FXMD-1008S	FXMD-2430S
Technology	TFT with IGZO	
Scintillator	CsI:TI	
Pixel Pitch	75 µm	
Spatial Resolution	6.7 lp/mm	
Pixels	3072 x 2304 pixels	3840 x 3072 pixels
Image Size	10" x 08" (23.0 cm x 17.3 cm)	12" x 10" (28.8 cm x 23.0 cm)
Grayscale	16 bits	
Energy Range	20 kVp to 45kVp	
Image Acquisition Time	3 s	
Recommended Cycle Time	15 s	
Data Interface	Gigabit Ethernet	
X-ray Generator Interface	Auto trigger: AED Mode	
Dimensions	26.8 cm x 19.5 cm x 1.5 cm	32.8 cm x 25.5 cm x 1.5 cm
Weight	1 kg	1.2 kg
Chest Wall Distance	2 mm	
Operating Environment	5°C to 45°C 30 % to 85% RH (non-condensing)	
Power	DC 24 V, 0.75 A	DC 24 V, 1 A

\*Specifications are subject to change without prior notice.

VXvue Mammo

Advanced Image Processing by PureImpact M



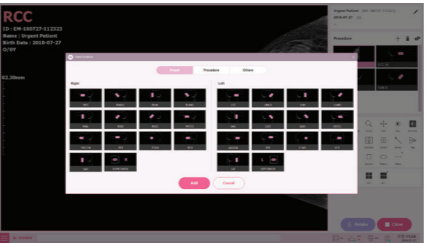
Mammography dedicated post-processing algorithm

- Peripheral and microcalcification enhancement
- Sharpness preserving gridline suppression

Convenient tools for Mammography diagnosis

- Various analysis tools: nipple detection, density estimation, etc
- Image processing parameters for personal preference

Easy Management for Simple Workflow



Convenient presets for various diagnostic procedures

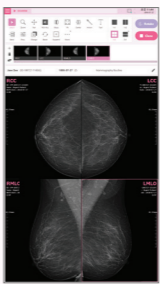
- Easy registration to enhance workflow
- Automatic image processing and labeling of each view position
- User-friendly editing functions

DICOM 3.0 compatible

- Modality Worklist (MWL) and Modality Performed Procedure Steps (MPPS)
- Storage commitment

Optimized GUI (portrait & landscape)

Various Image Adjustment Tools



Advanced image tools

- Center adjustment
- Auto rotation
- Annotation : Distance, Angle and Text

Multi-layout

- 1x1, 1x2, 2x2 layout
- User-set layout

Convenient Usability



Fast and accurate quality control via QC tool

- Five different QC tools of ACR Phantom, Artifact, MTF, Flat Field, and Monitor

User-friendly interface

- Intuitive GUI design
- User-defined settings (tools, status, etc)
- Three different UI themes