ENDO

ENDO MM2+Tomo

Mammography

https://endo.id

ENDO MM2+Tomo

- This type of equipment uses special amorphous silicon detector for breast mammography and belongs to digital mammography system with elegant and classic integrated shape. Perfect environmental adaption makes it available for indoor and vehicle application for different intended use.
- With 14 years of technical accumulation in over 1000 installations of mammography, we have created a new design for high-end breast imaging mammography with features:

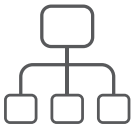
Elegant design

HD Low Dose

Humanized design

Innovative technology

Four-screen sincronization, everything under control

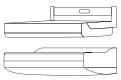


- 10.1"'' dual-side large-size touch screen, with quick set of customized parameters
- Base display screen, compression paddle display screen, allows multi-angle and multi-directional display of compression parameters, status and info

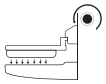
One click to position

- One-click to reach the desired position, fast experiences

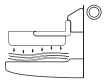
Humanized Ergonomic Design



- Arc streamlined design for Compression paddle and table

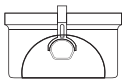


- Micro-adjustment knob for compression

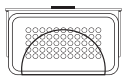


- Multi-level intelligent flexible compression system

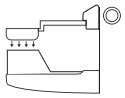
Rich portfolio of Compression paddles



- Spot Exposure mode, for easier detection of Early stage cancer and microcarcinoma

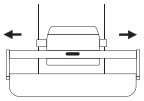


- Biopsy Location Exposure mode



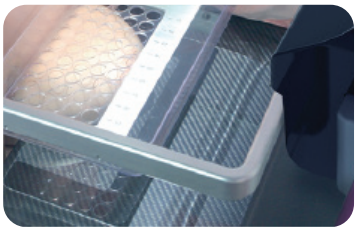
- Magnification Exposure mode

- Axillary Exposure mode



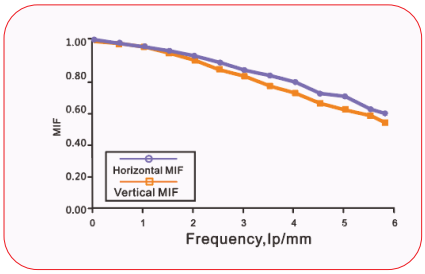
- Unique Side movement of allows increasement up to 20mm of armpit area, and other areas which is easy to miss.

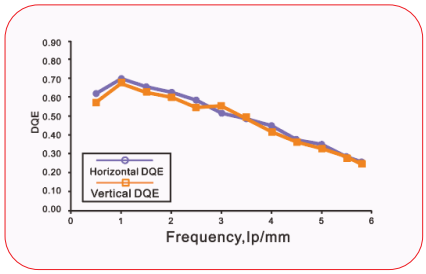
Efficiency and practical acquisition and viewing workstation



- User-friendly GUI(Graphic user interface),support various exposure mode
- User-friendly interface, simple and easy to operate
- Fast transmission speed, comply with DICOM3.0 protocol, can achieve the seamless link with HIS. RIS. and PACS systems.
- Powerful tools for patient management, data gathering and image reconstruction, viewing and measuring, typesetting, printing, storage, provides rich aides for diagnosis

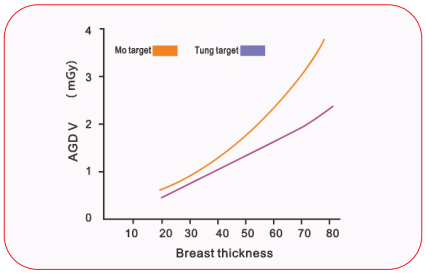
More excellent imaging performance





- High MTF and High DQE to guarantee imaging system to collect better image with lower dose
- With special detector of a-Si for breast mammography, X-ray is transferred to electric signals directly without the additional process of transferring x-Ray to visible and then to electric signal.This eliminates the artifact due to scattering of X-Ray and guarantees the authenticity from the imaging mechanism and can really satisfy the requirements of breast mammography on details. With high DQE, this can guarantee high resolution of image and meanwhile decrease irradiation dose .

AAEC Patent technology, Lower irradiation Dose



- Smart compression system, AAEC patent technology, automatic filtration selection and x-ray field adjusting technology to achieve the balance between minimum exposure and optimum exposure effect and to guarantee image quality with minimum irritation dose.

TIDE imaging technology creates high resolution with low radiation dose

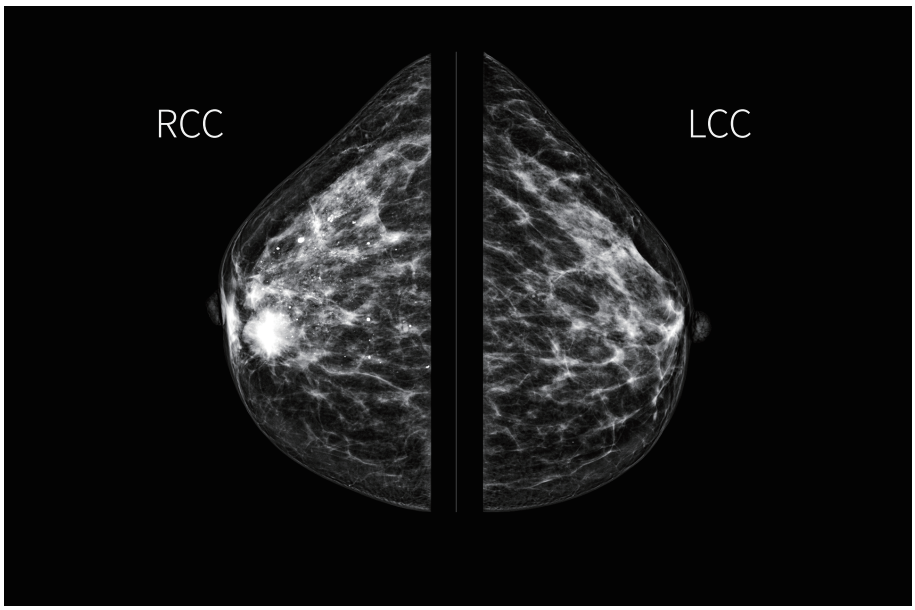
With the T-I-D-E technology, the radiation does can lower down up to 54% of the one of traditional molybdenum Exposure

T Tungsten Target Tube

I Intelligent Auto Exposure Control

D High-Performance Full Field Dynamic Flat Panel Detector

E Excellent Image Post-Processing System

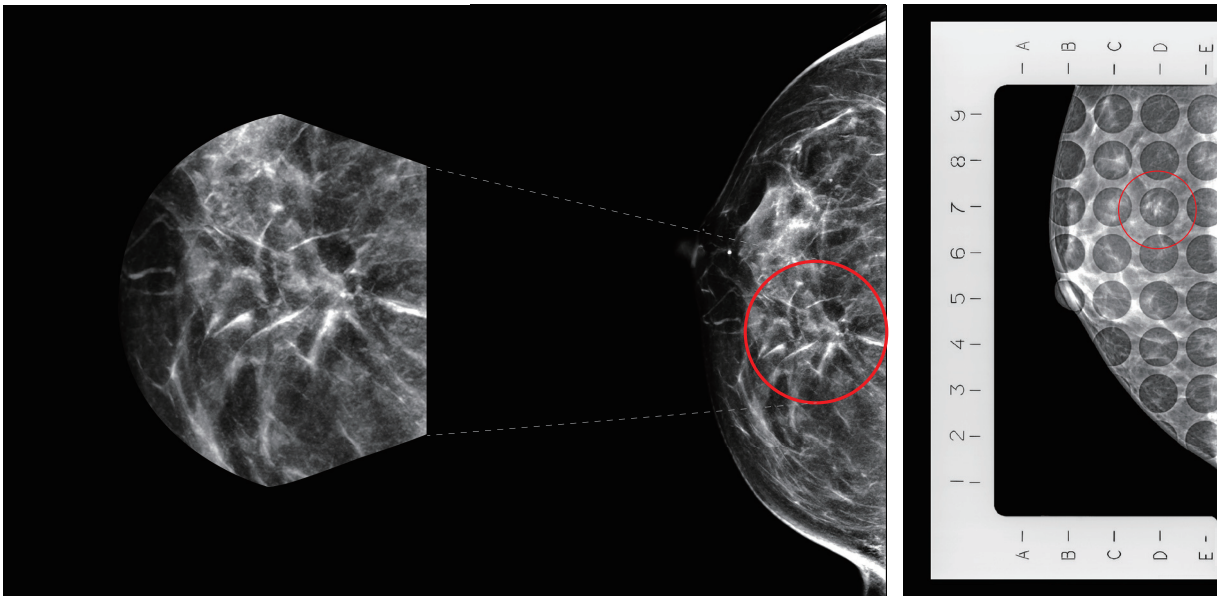


Dual angle range exposure

Rich image layers leads to clearer shape of lesion

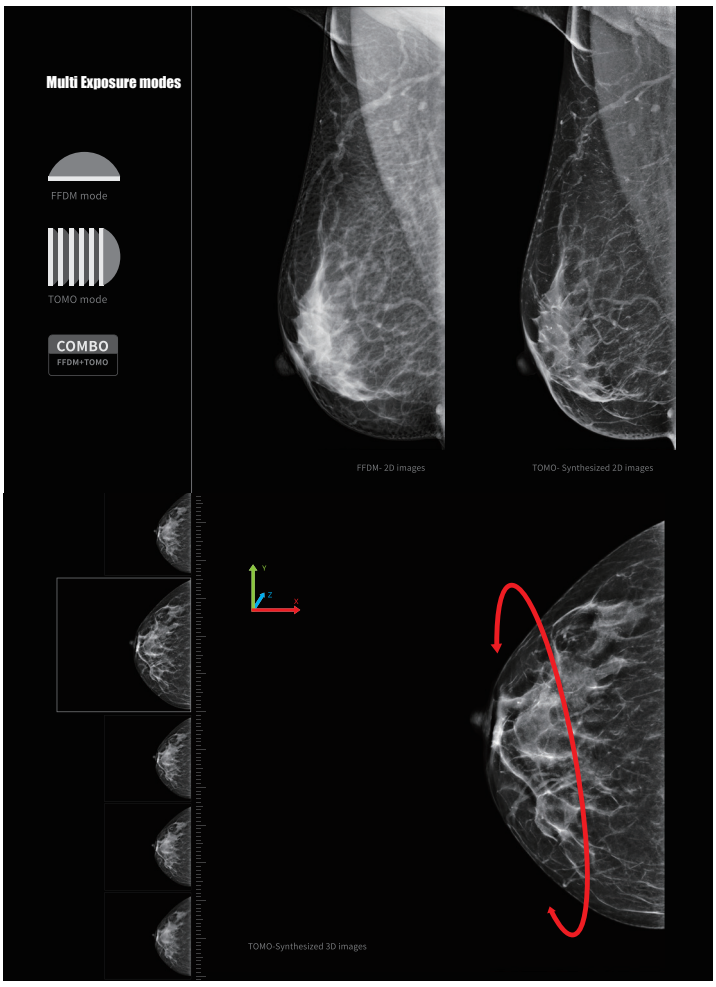
- 17.5° Fast screening mode
  Surpaint mammigrant compression time, suitable for outpatient mammography
- 120° Fine diagnosis mode
  Higher resolution, suitable for breast disease inspection

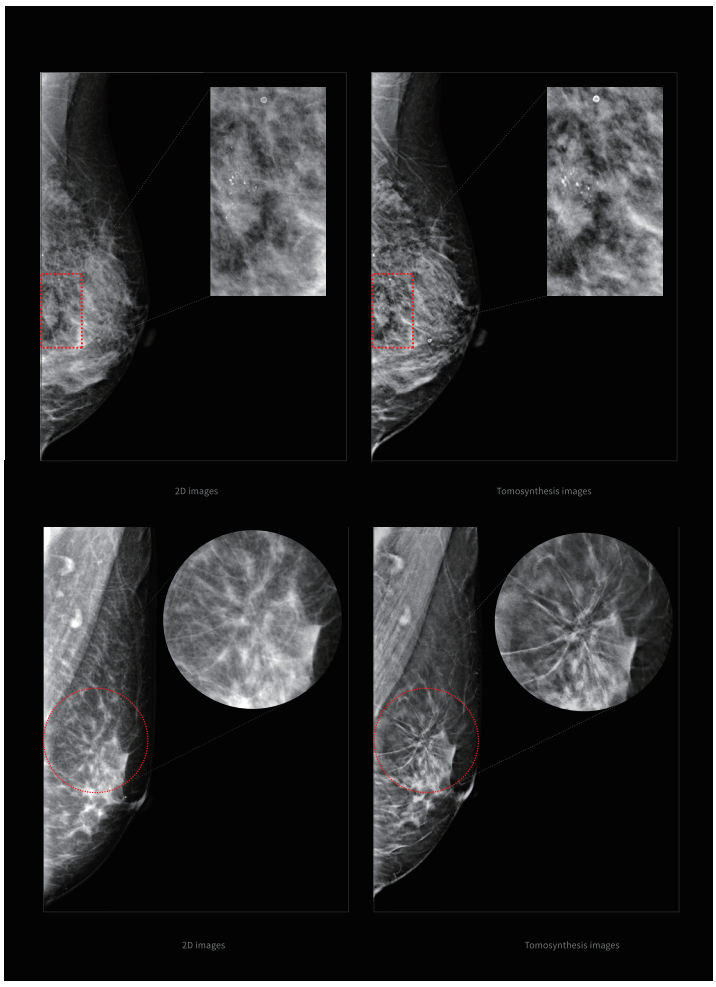
Leading technology in industry Multi exposure modes



2D biopsy mode (right)

Spot/Mag Spot exposure mode (left)



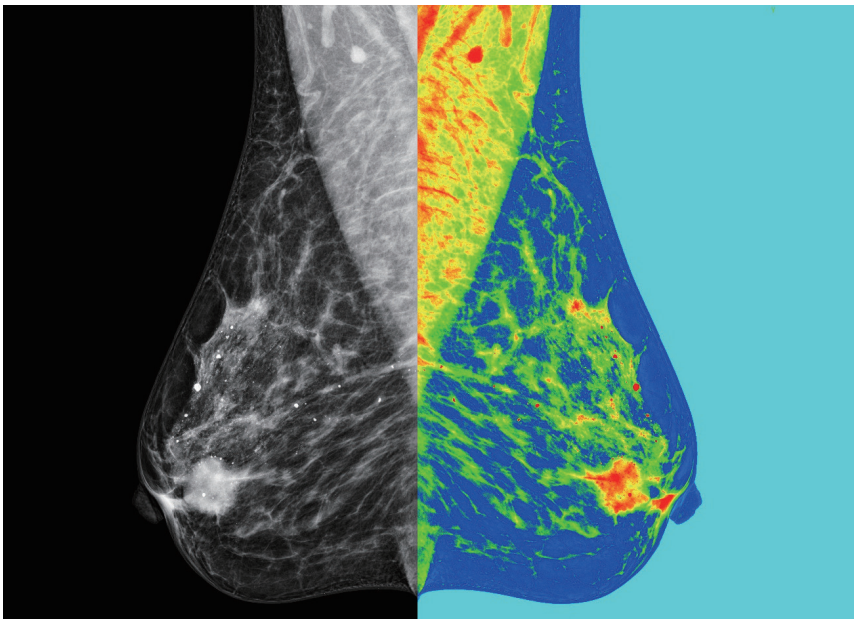


Cloud diagnosis services

- AI smart intelligence faciliate the remote diagnosis meeting

Unique Pseudo-color innovative technology

- Helps to visualize tiny, indistinct calcifications and clearly shows the edges of the mass
- Suspicious high-density tissue and surrounding tissue can be distinguished by color highlighting



1 Accurate measurement of various types of lesions

2 BI-RADS accurate classification

3 Identification of benign and malignant lesions

4 Low false positive rate

5 MLO-CC Bit Accurate Registration

6 Accurate measurementof various types of calcification

AI

Intelligent analysis of mammography images and auto-generated structured reports

Report with lump location and type

The list includes mass type, BIRADS grade, benign and malignant prediction,doctor can edit the report with needs,detection rate of lesions and the accuracy rate of benign and malignant are as high as 90%

Lump properties include

Lump type, property, gland type and calcification

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