



DRTECH

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Realizing New Ideas in Breast Imaging

AIDIA

RMF - 2000

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Leading Innovation in
New Digital Mammography System

AIDIA

Realizing New Ideas In Breast Imaging
New Standard in Premium Digital Mammography



Increasing Breast Imaging Experience with Premium Performance

Powerful, Seamless Diagnostic Imaging Performance

Advanced-AEC

Safe and Accurate Automatic Dose Control

Using a dual measurement method that considers the thickness and density according to the patient's breast type, optimal dose is automatically calculated to provide a uniform, 3D, high-quality mammography images.

Auto Positioning

Reducing Unnecessary Operational Steps

With the automatic position change function set during patient registration. It is possible to quickly and easily set the next shooting position while maintaining the patient's breast height information.

EASY Magnification

No need for Bucky Change (Stand-mount)

Fast and easy magnification images can be acquired simply by attaching a magni stand on top of the original bucky eliminating the need for bucky removal.

Small Pixel & High Resolution

High-Performanced Mammo. Detector

76 μ m CsI **65 μ m** a-Se

High-resolution images with small pixel size and *FOCUS CsI

High-definition images with smallest pixel size and reliable Selenium

*Florescent Optical CsI Upgraded Structure

Inside Generator

Low Noise and Space Efficiency

With a built in generator, AIDIA is easy to install in small spaces as there is no need for a separate generator compartment. This minimizes generator noise and room heating making the screening environment more pleasant.

Premium X-ray Tube

High-end Mammography System

High quality X-ray beam output is possible with AIDIA's Tungsten (W) Tube. It provides best quality breast diagnostic images for increased detection rate of breast abnormalities.

Switching Dual Filter

for Low Dose High Quality Images

With dual filter technology the filter is automatically converted according to the characteristics of the patient's breast, providing optimized low-dose high-quality breast images each and every time.

Auto Collimation

by Auto Paddle Recognition

User workflow is simplified as the collimator setting is automatically adjusted by simply charging the compression paddle. Workflow for 18 x 24 size or magnification image acquisition is made much more efficient.

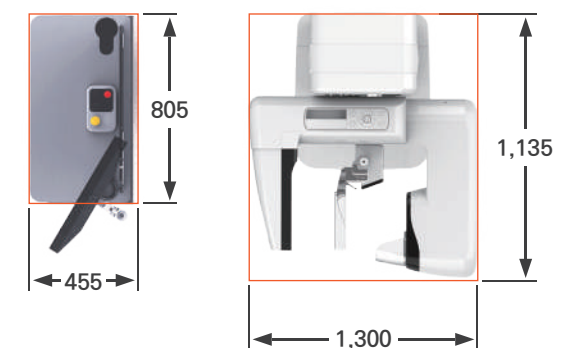
1-2-3 Paddle Release

Minimizing Pain and Discomfort

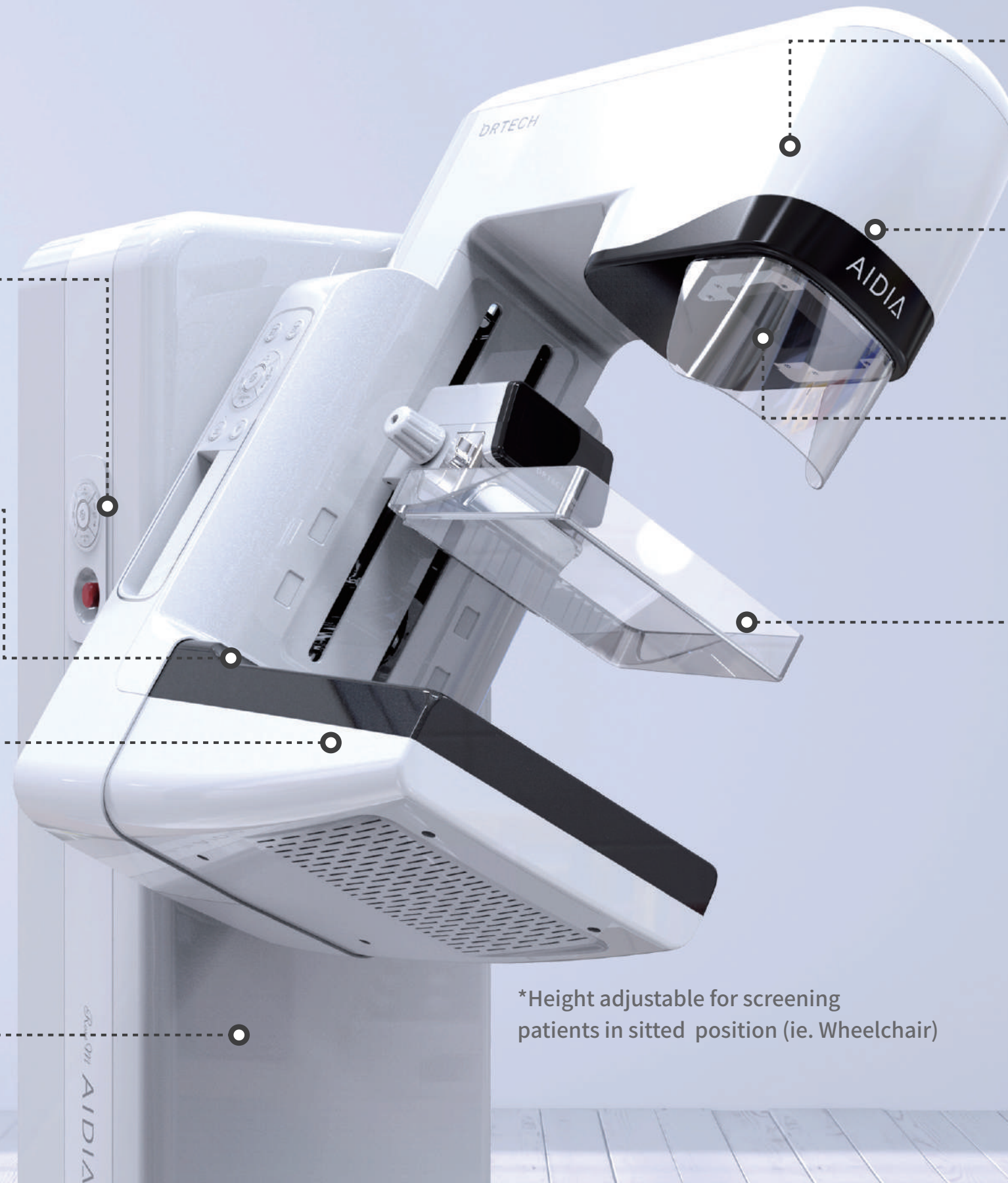
The short compression time minimizes the patient's anxiety by reducing pain and discomfort during screening.

Small Footprint

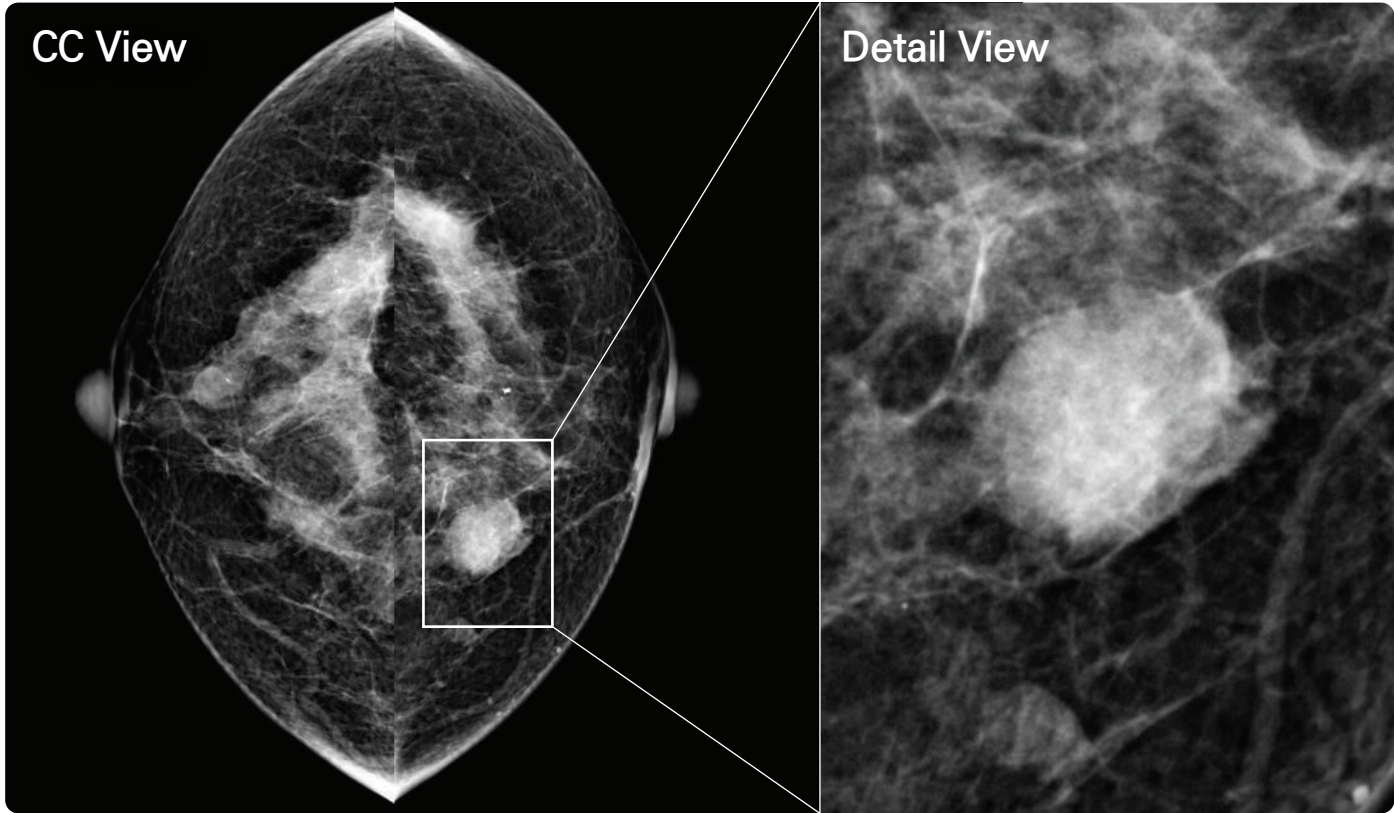
Convenient for Small Examination Rooms



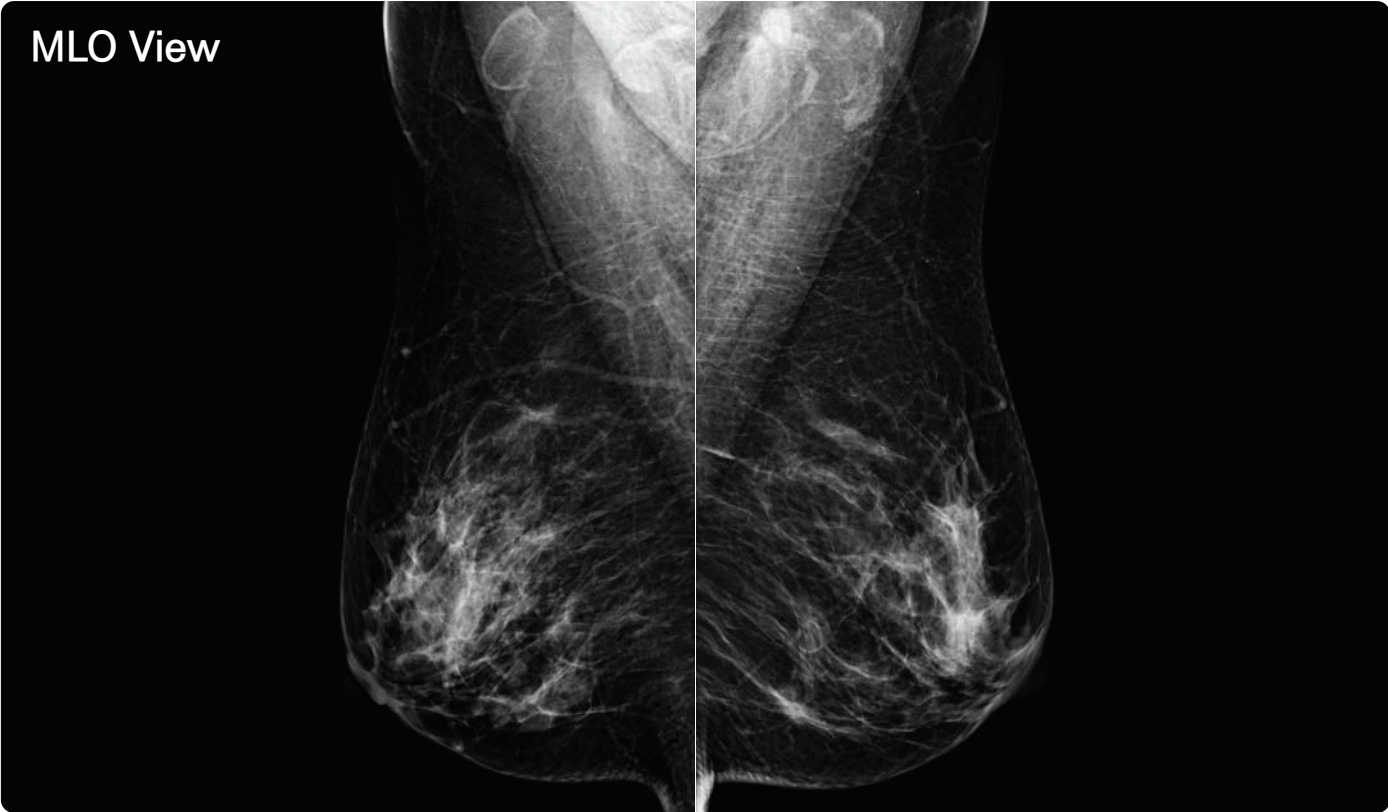
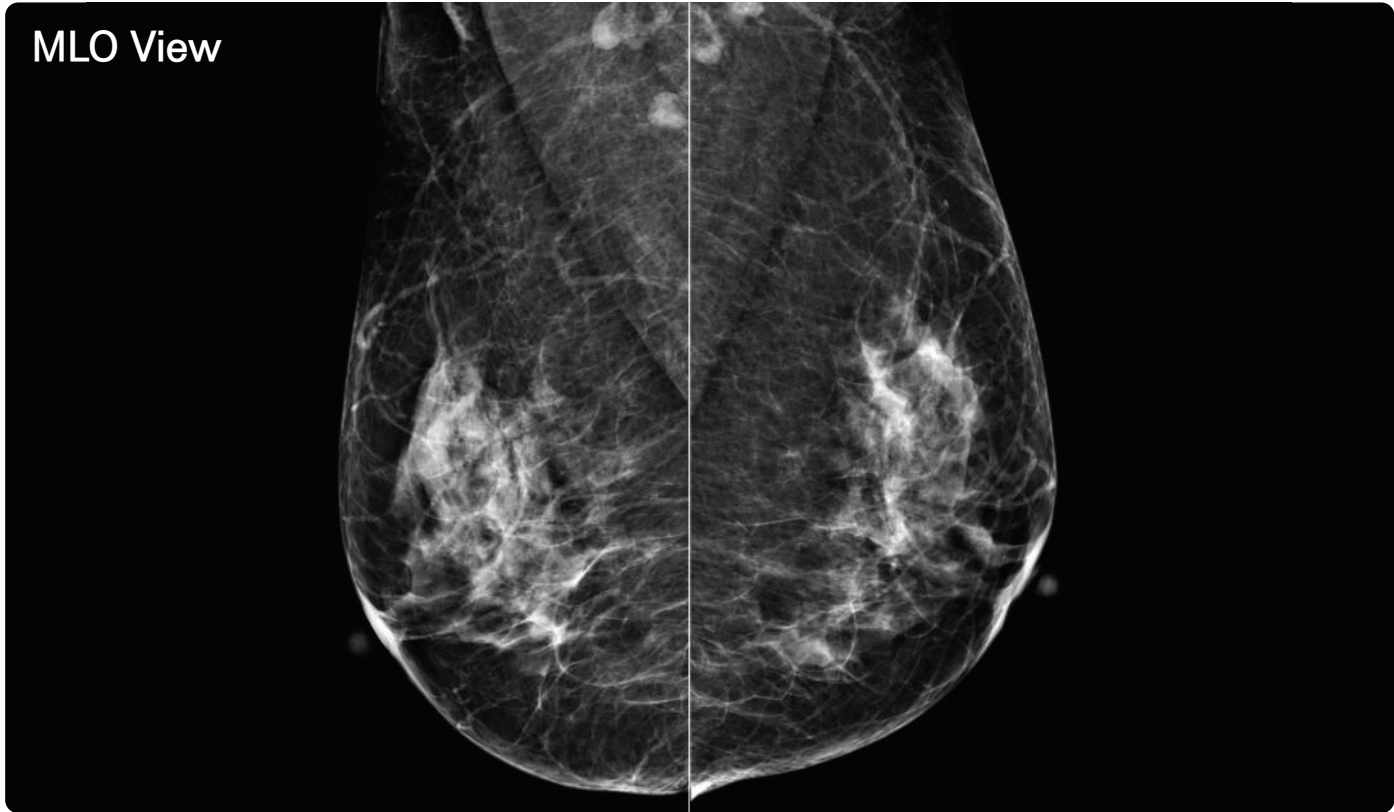
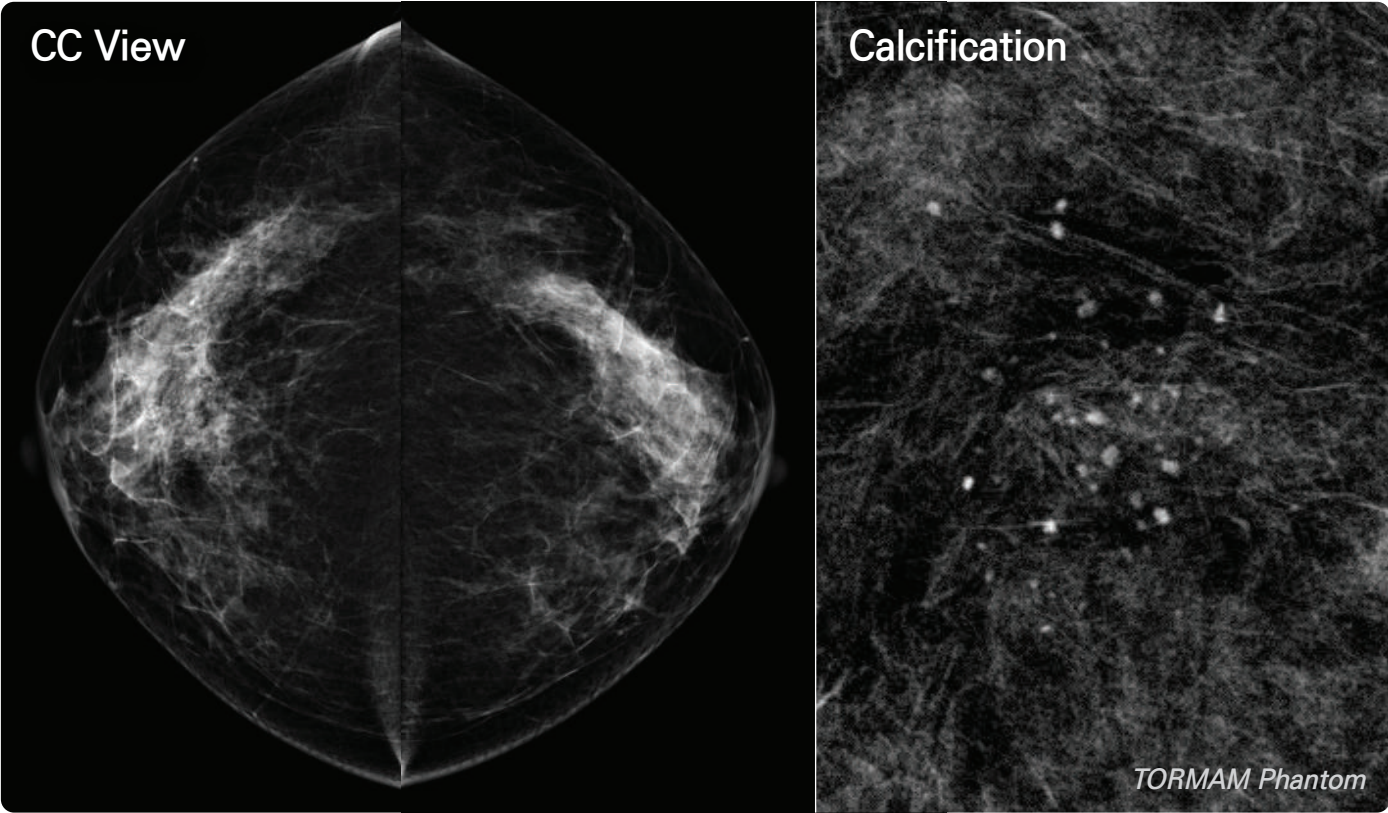
*Height adjustable for screening patients in sitted position (ie. Wheelchair)



AIDIA True Define
Indirect Type (CsI) FFDM

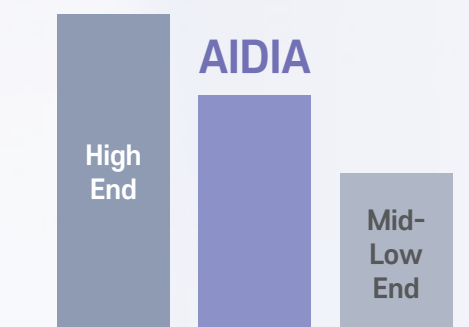


AIDIA Ultimate Define
Direct Type (a-Se) FFDM



LIMITLESS BENEFITS

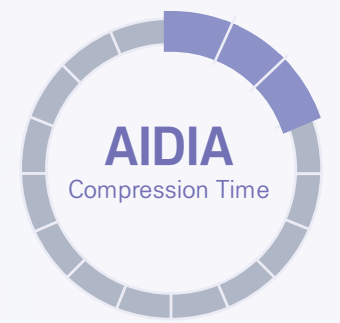
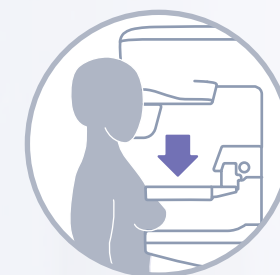
Good Price



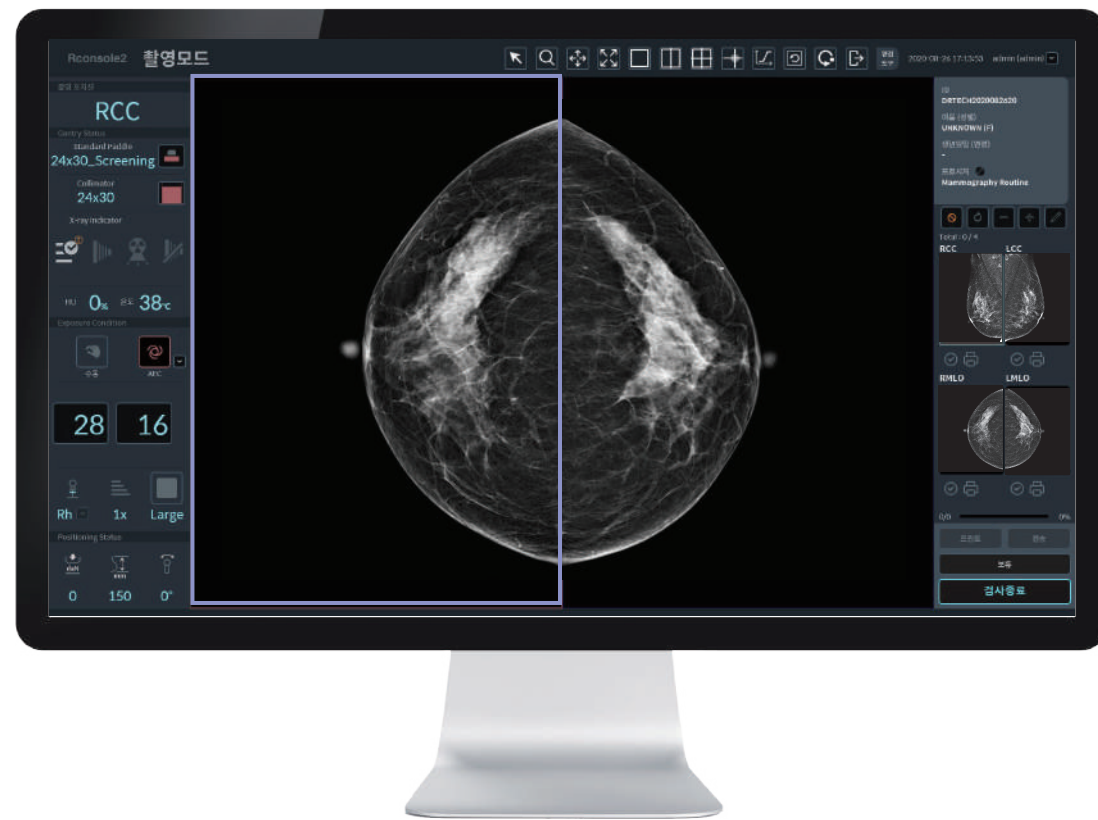
Best Image Quality




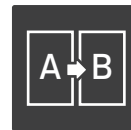



LESS PAIN Technology for PainLess Screening



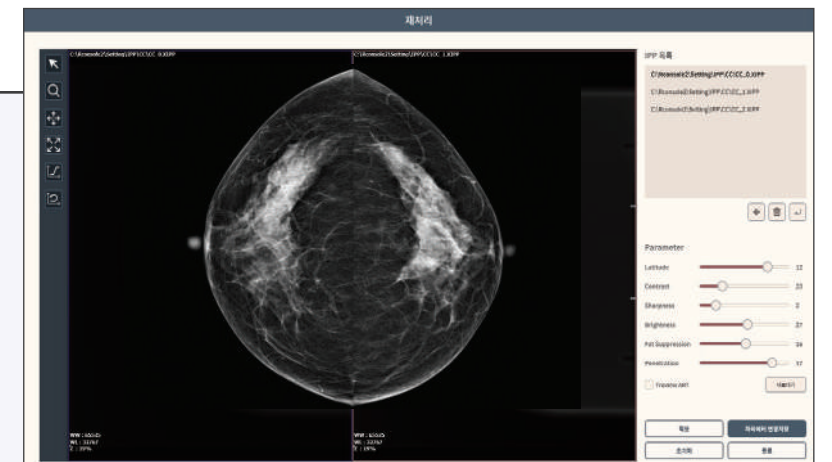
Shortest Compression Time



- 
Work Smart UI
- 
Instant Image Compare
- 
Universal QAP
- 
MAX Hanging Protocol
- 
DEPAI Processing

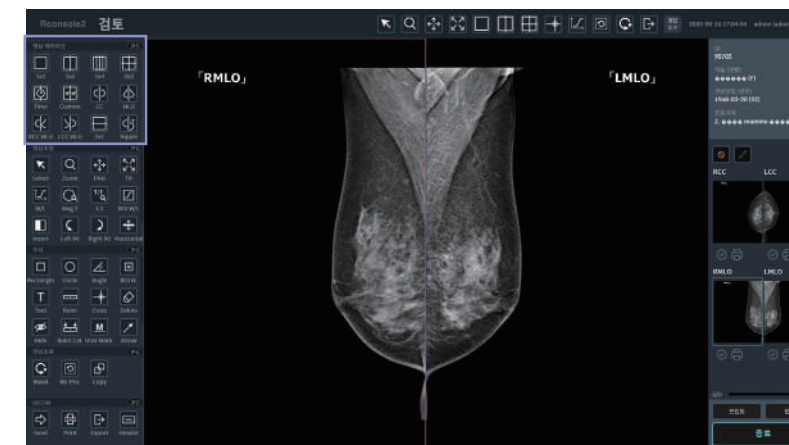
Advanced Image Parameter & Display Tools

- | Image Parameter Adjustment Tool**
Easy image parameter setting tool for customized image style setting
(3 default AIDIA optimized parameter provided)
- | Instant Image Compare**
Compare before & after image parameter styles instantly
- | Auto Nipple Alignment**
Easy image symmetry display

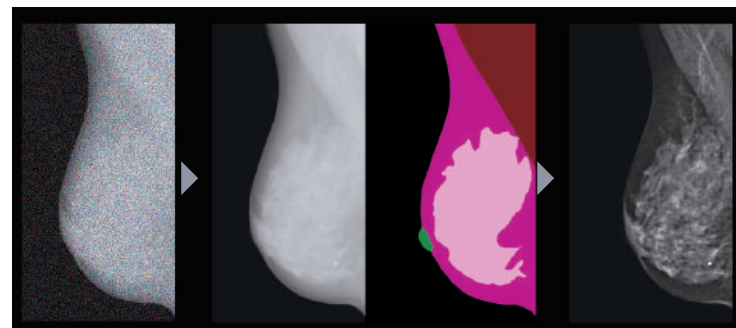


Convenient Patient & Image Management

- | MAX Hanging Protocol**
Comparison of images of various views
- | Time Machine**
Easy patient tracking with past image recall



DEPAI Powerful AI Image Processing with Breast Type Optimization



- ☑ Increased micro-calcification & lesion detectability with low noise image
- ☑ Clear depiction of breast structures maintained for dense breasts
- ☑ Consistant images regardless of breast variance
- ☑ Maintained high-quality images at low dose with AI technology
- ☑ High contrast, three-dimensional images

Mammography Specialized Global QC Standards




- | Universal QAP**
Supports over ten QAP Protocol for highest system & image quality maintenance
- | Digital Manual**
Provides digital manual for easy and fast quality control procedures
- | QAP History**
QAP report history tracking for systematic maintenance


검진 항목	검사일자	결과	검사자	검사시간
Full-Field Test	2023-07-02 11:40:07	합격	김민준	2023-07-02 11:40:08
Spot Test	2023-07-02 11:40:07	합격	김민준	2023-07-02 11:40:07
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SNR	2023-07-02 11:40:07	합격	김민준	2023-07-02 11:40:07



**Empowering Women
with Healthy Confidence**

Global Experts in Mammography

- 
 World's First
**Mammo. Retrofit
 Detector**
- 
 RoseM Cassette
40+ Countries
 Worldwide
- 
 20+ Years
**Mammography
 Detector
 Manufacturer**



Global Sales Network

Mammography Experts with Global Experience

Global Service Engineer

Mammography specialized Service Engineers




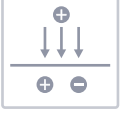


Global Image Applicator

Global Standard Image Specialists

Premium Mammography System AIDIA



Direct Type Premium FFDM AIDIA Ultimate Define

 65µm Smallest 65µm Pixel	 a-Se Direct Technology	 Temperature Stability	 Highest MTF & DQE
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- High resolution images with 65µm smallest pixel
- Highest MTF & DQE
- Clear depiction of micro-calcification with Selenium's (a-Se) highly sharp images



Indirect Type FFDM AIDIA True Define

 76µm Smallest 76µm Pixel	 FOCUS CsI Technology	 TRUVIEW® ART	 Superior DQE
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- High Resolution images with 76µm pixel
- Maintains high DQE at Low Dose with FOCUS CsI
- Fast Image Preview & Cycle Time
- Increased image sharpness by patented TRUVIEW®ART technology