

Features	AIDIA LUXE
Detector	RSM 2430TD (Csl : indirect) / 76μm
Generator	8kW [Premium specification : High powered generator]
Tube Motion	Step & Shoot
Tube	W (Tungsten) [Enables high tube load capacity]
Target Material	Rh/Ag [Dual filter to optimize exposure conditions for various breast types]
Collimation	Auto (Auto paddle recognition)
Display	Dual display : C-arm / Gantry foot
Control Button	Dual control : C-arm / Gantry

AIDIA LUXE

Reimaging Excellence in
Breast Imaging with Precision and Luxury

AIDIA LUXE TD (3D TOMO)

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.

Small Pixel & High Resolution

High-Performance Mammo. Detector

76 μ m **CsI**

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

**Fluorescent Optical CsI Upgraded Structure*

Low Dose Breast Imaging

With Advanced AEC and premium FPD technology, patients can under go breast imaging without the worry of unnecessary dose exposure. AIDIA LUXE provides high-quality diagnostic images with minimal dose.

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.



Advanced Rotational Axis Design

for Stability

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.

Fully Automated & Easy Workflow

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.

Enhanced Diagnostic Convenience

Equipped with a user-friendly software interface, the system streamlines workflows for improved diagnostic efficiency.

Installation in Minimal Space

by Compact Design

With a built in generator, AIDIA LUXE 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.

SMART 3D Mammography Acquisition Technology



Narrow
15°

Middle
25°



· Short image acquisition time
for increased patient comfort

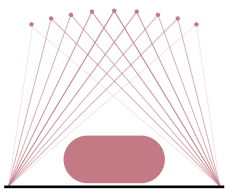


· Clear sharp images with well depicted
visualization of micro-calcifications



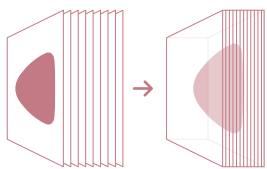
· Seamless transition between imaging modes
(2D, Synthetic 2D, Slab, Plane)

Acquisition



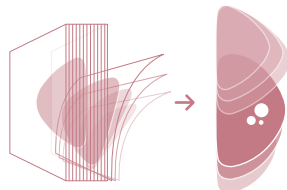
· 9 low dose projection images
acquired at +/- 7.5 degree angles
· 11 low dose projection images
acquired at +/- 12.5 degree angles

Reconstruction



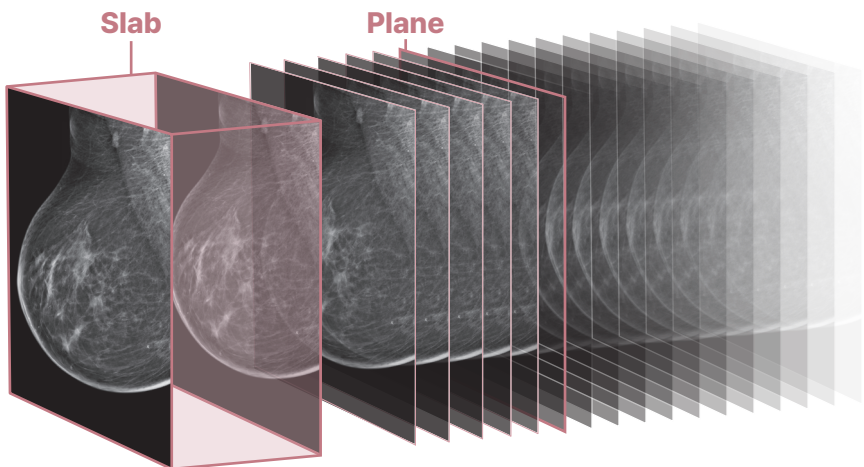
· Image reconstruction with an
iterative reconstruction algorithm
utilizing high-precision
TRUVIEW™ 3D Technology

Presentation & Interpretation



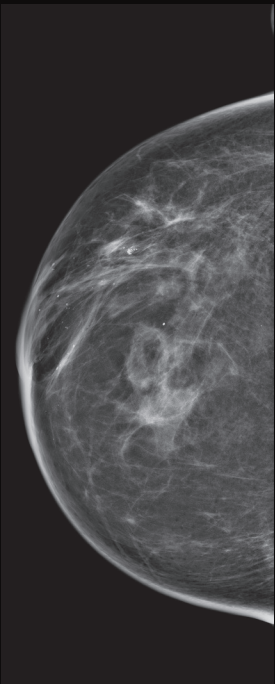
· Tomosynthesis image
interpretation with minimal
interference from overlapping
tissue structures

TRUVIEW™ 3D Technology

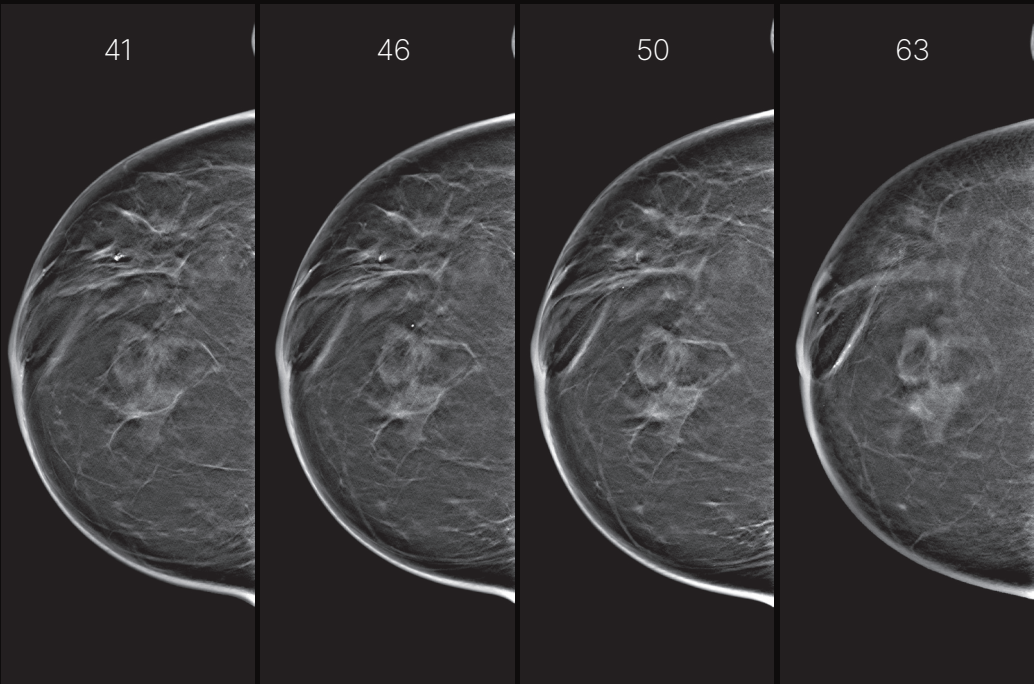


CC View

2D FFDM

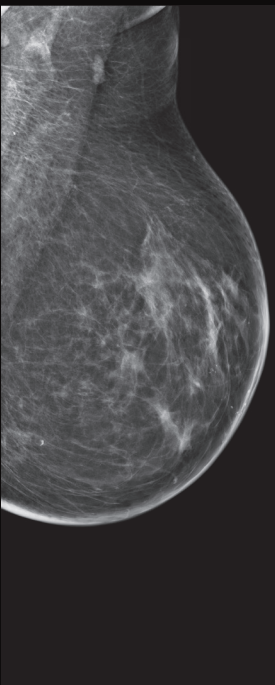


DRTECH 3D Mammography

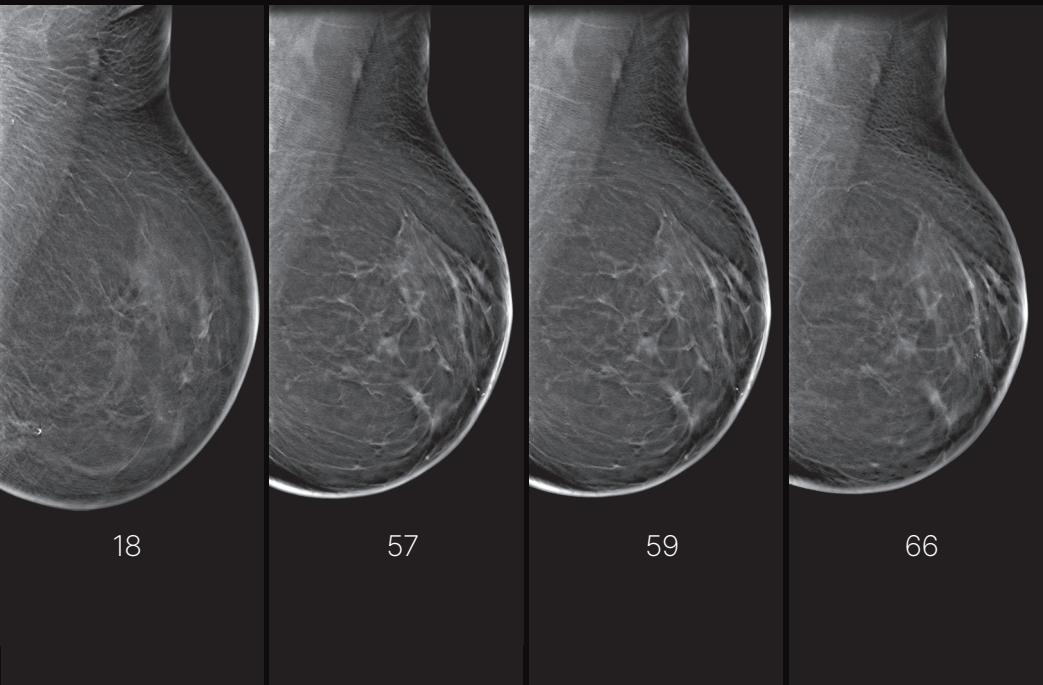


MLO View

2D FFDM



DRTECH 3D Mammography



Rconsole2

Mammography UI Software

- 

Work Smart UI
- 

Instant Image Compare
- 

Universal QAP
- 

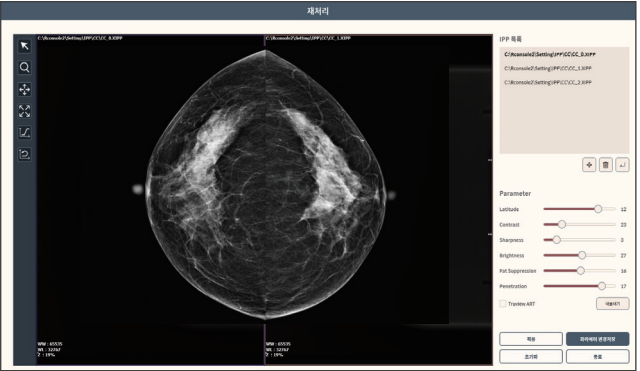
MAX Hanging Protocol
- 

TRUVIEW®M Processing

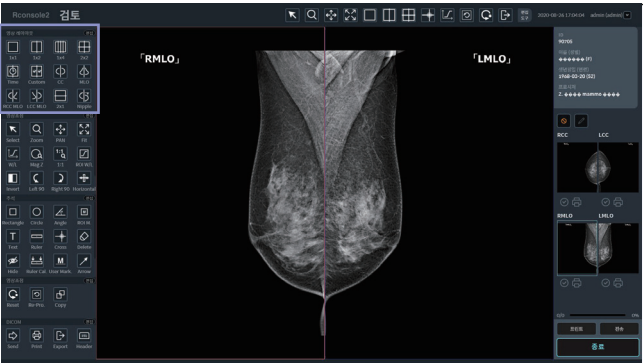


1. Advanced Image Parameter & Display Tools

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

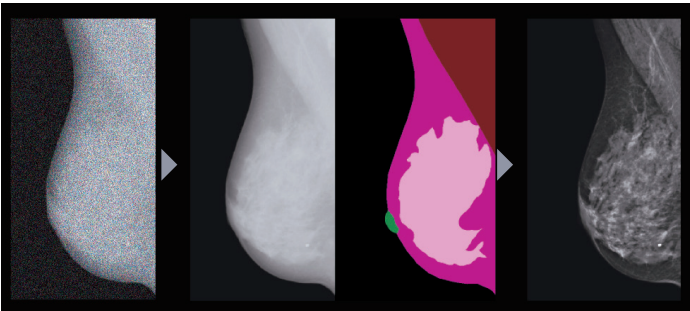


2. Convenient Patient & Image Management



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

TRUVIEW®M 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
- Consistent images regardless of breast variance
- Maintained high-quality images at low dose
- High contrast, three-dimensional images

3. Mammography Specialized Global QC Protocol

- 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

QAP 점검 현황 / 모니터링				
점검 항목	점검 일자	점검 결과	점검자	점검 일자
Full Field Test	2020-07-01 11:40:30	합격	admin	2020-07-01 11:40:30
Bad Pixel	2020-07-01 11:40:37	합격	admin	2020-07-01 11:40:37
MTF	2020-07-01 11:40:38	합격	admin	2020-07-01 11:40:38
ACR	-	-	-	-
SNR & CNR	-	-	-	-
Monitor	-	-	-	-
Pixel Size	-	-	-	-
Pixel Size	-	-	-	-
Artifact	-	-	-	-
RA	-	-	-	-
주요				
Full Field Test	2020-07-01 11:40:30	합격	admin	2020-07-01 11:40:30
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MTF	2020-07-01 11:40:38	합격	admin	2020-07-01 11:40:38
ACR	-	-	-	-
필요				
Full Field Test	2020-07-01 11:40:30	합격	admin	2020-07-01 11:40:30
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MTF	2020-07-01 11:40:38	합격	admin	2020-07-01 11:40:38
ACR	-	-	-	-
본기				
Full Field Test	2020-07-01 11:40:30	합격	admin	2020-07-01 11:40:30
Bad Pixel	2020-07-01 11:40:37	합격	admin	2020-07-01 11:40:37
MTF	2020-07-01 11:40:38	합격	admin	2020-07-01 11:40:38
ACR	-	-	-	-