

# Planmed Clarity™ 3D

## Digital breast tomosynthesis



# Medical imaging excellence

*Planmed is strongly committed to improving the early detection of breast cancer. Our mission is to provide top-quality imaging systems for mammographic diagnosis.*

*This dedication to mammography has inspired us to constantly develop new, innovative solutions for breast imaging.*

*The outstanding image quality and high performance makes **Planmed Clarity™ 3D** a perfect solution for such a precise task as diagnosing subtle breast structures. The durable and versatile system has set a new standard for 3D breast imaging and can also be used for 2D screening, diagnostic examinations, and stereotactic biopsies.*

*See more – with clarity!*



# Digital breast tomosynthesis for all



*Digital breast tomosynthesis is an effective technology for breast cancer detection. In many studies, DBT has shown potential to increase sensitivity and decrease unnecessary recalls.*

*With **Planmed Clarity™ 3D**, we aim to make affordable DBT available for breast clinics around the world. Packaged in eye-catching yet functional design, it is truly a unit for all.*

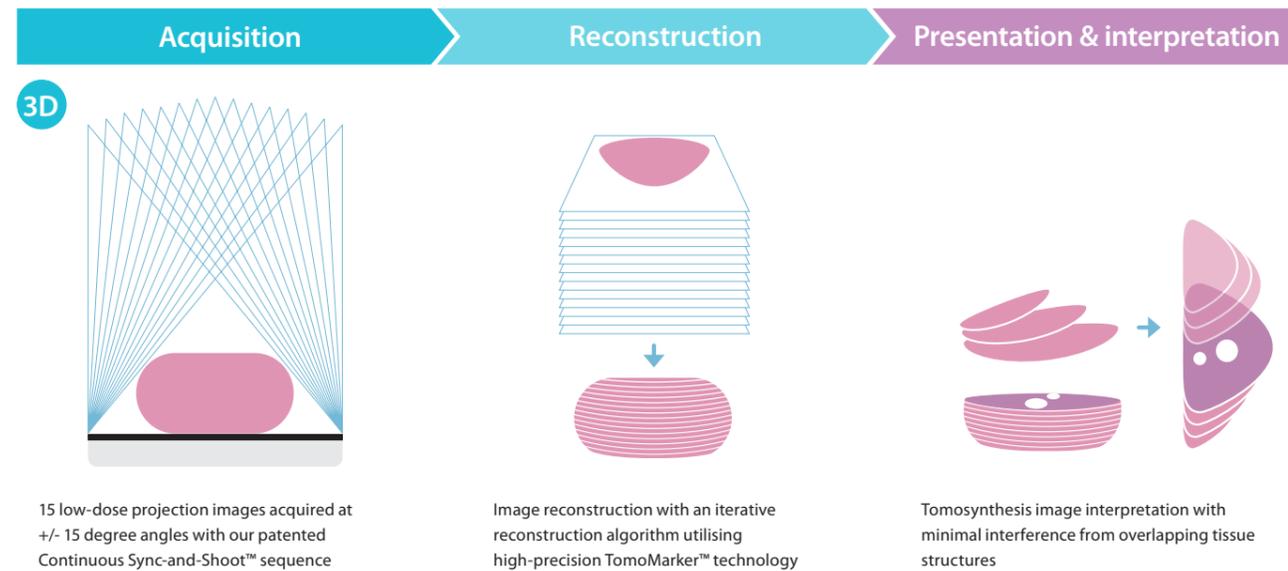
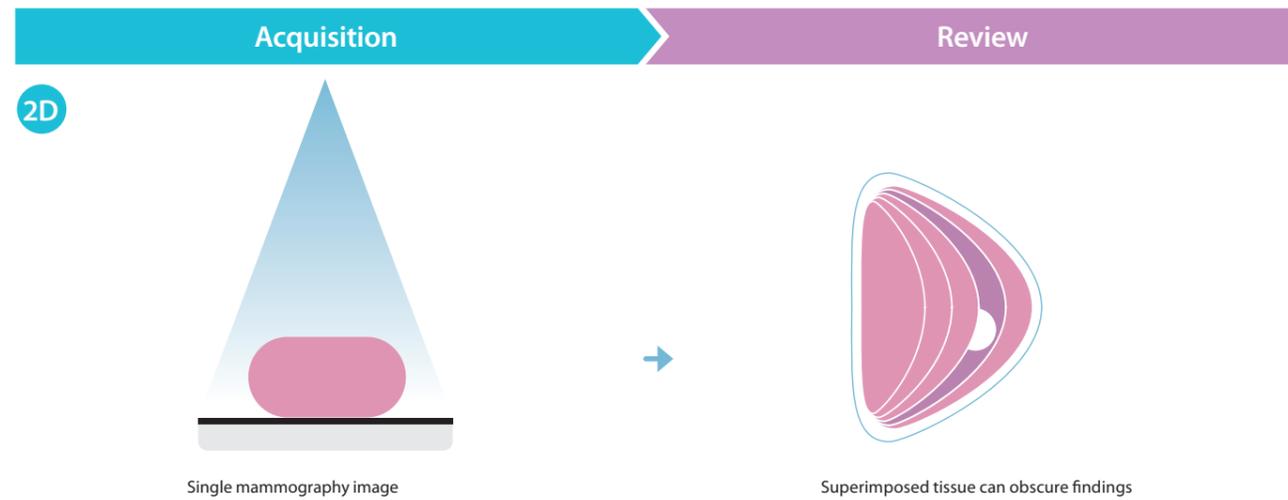


# See more with Planned DBT

## Digital breast tomosynthesis with Planned Clarity™ 3D

Superimposed tissue structure can severely impair breast cancer detection in a traditional mammogram. **Planned Clarity™ 3D** offers an unforeseen solution to this fundamental challenge in breast cancer detection.

### 2D versus 3D



## Planned DBT technology

The clear images Planned Clarity 3D provides are achieved by using our unique **Continuous Sync-and-Shoot™** movement and innovative **TomoMarker™** technology.

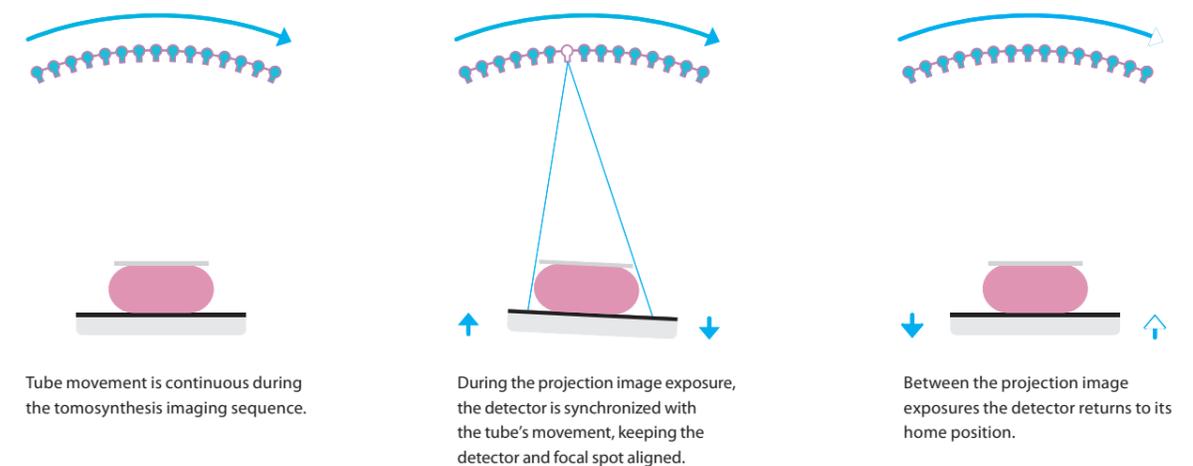
### TomoMarker™

- Superior acquisition geometry detection
- Lightweight
- Easy add-on DBT solution



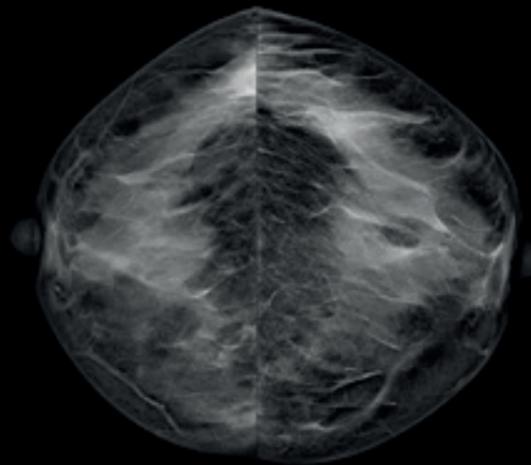
### Continuous Sync-and-Shoot™

Our patented Continuous Sync-and-Shoot™ imaging sequence enables sharp, motion-blur-free images that highlight delicate structures and microcalcifications.



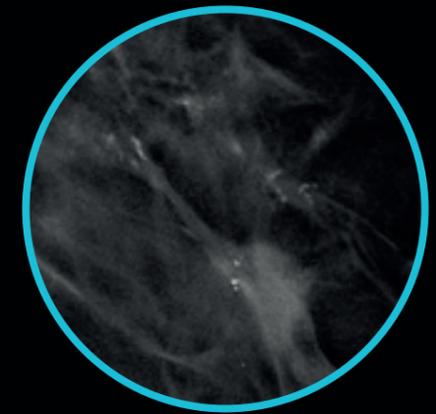
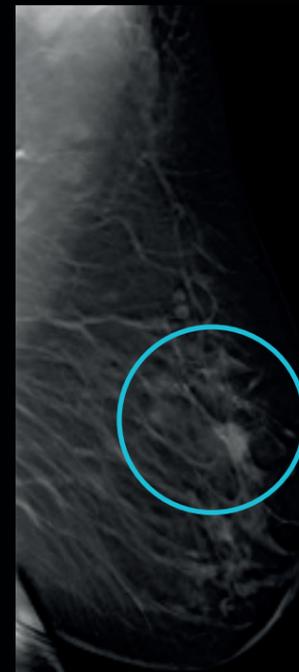
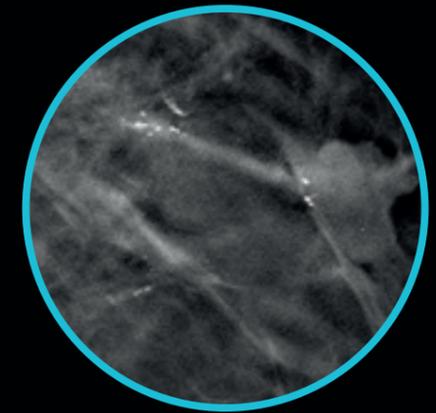
# Perfected DBT image

*With digital breast tomosynthesis, you can see into and beyond tissue structures, enabling accurate diagnosis even with dense breast tissue cases.*



# Perfected DBT image

*Planmed Clarity™ 3D has an outstanding image quality that adapts image processing to a radiologist's preferences. Image post-processing can be tailored to a radiologist's needs individually.*



# Unique Planmed innovations



**TomoMarker™ technology**  
Clear and sharp artifact-free images with digital breast tomosynthesis

**Configurable dual touchscreen displays**  
Perfect usability for fast and easy daily work with the **Planmed Clarity™ Flow** touch control

**Full Field Flex-AEC™**  
Large AEC area coverage for optimal imaging in every imaging mode

**Rugged detector and ultra compact bucky**  
Steady and durable detector with ultra compact bucky for easy patient positioning

**MaxView™ breast positioning system**  
Maximal tissue visibility for enhanced diagnostics

**SideAccess™ patient positioning system**  
Optimal ergonomics for patient positioning

# An encouraging experience

*Planmed's mammography units are created with utmost attention to detail. We feel it is our duty to design equipment that helps make breast exams as easy and encouraging as possible.*

We have included personalized colors, curved chin guards and extended handles to improve patient comfort. The dual touchscreens with customizable colors ease the daily work of technologists. We hope you like the result.

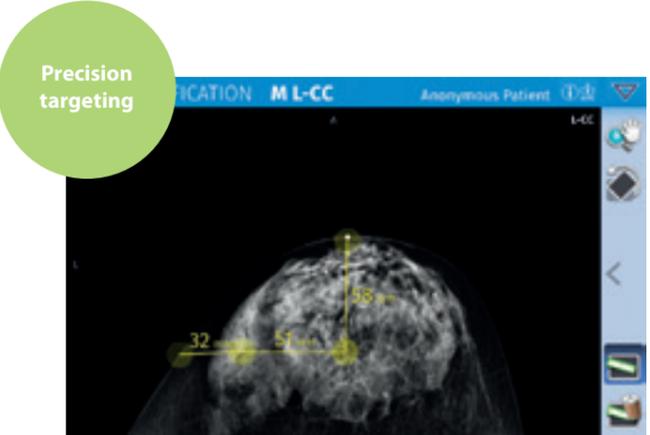
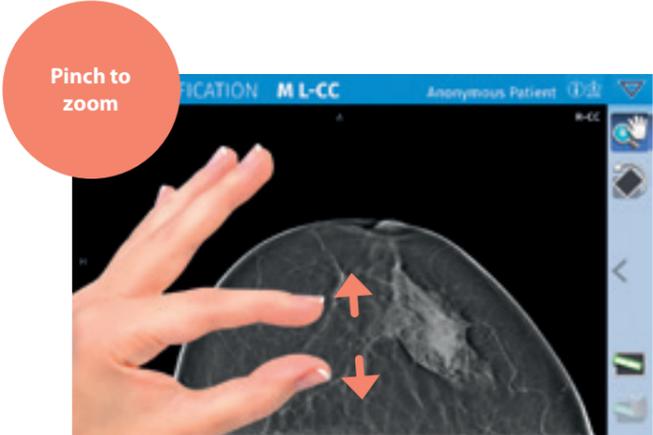
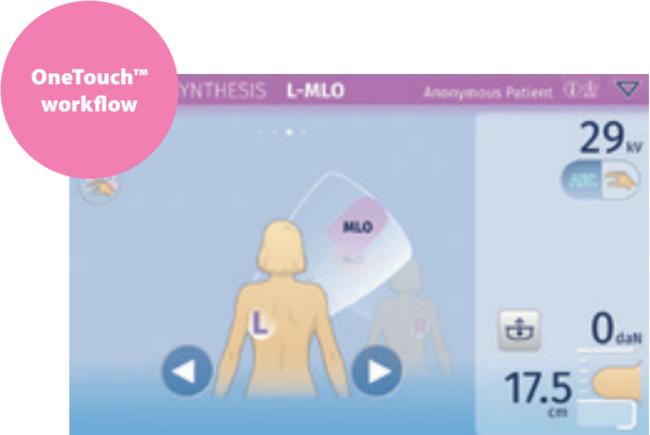
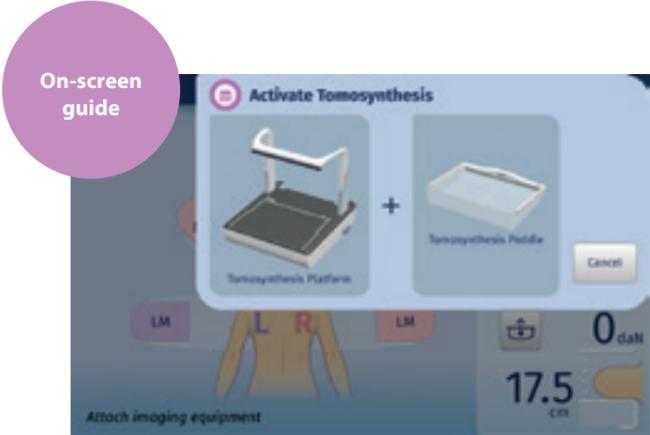


# Work smarter with Planmed Clarity™ Flow

The *Planmed Clarity™ Flow* touch control will completely change your mammography experience. It is a unique and convenient way to access unit functions in an easy-to-learn environment. *Planmed Clarity Flow* offers a customizable mammography workflow solution for all – from beginners to more advanced mammographers.

### Excellent usability

Adaptable, adjustable, touchable – these are the best words to describe one of the most striking features of the **Planmed Clarity™** 3D mammography unit. The **Planmed Clarity™ Flow** touch control with dual touchscreens provides a clear and simplified user experience. You can display a reference mammogram at the unit to aid positioning, for example, or use your own individual workflow sequence.



# Optimal ergonomics

Positioning a patient for a mammogram often requires awkward posture, and in the long term users can suffer from repetitive stress injuries. To enhance wellbeing, **Planmed Clarity™ 3D** is full of features that improve positioning ergonomics.

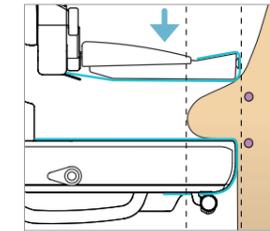
## Key Features

- SideAccess™ patient positioning
- Manual compression
- Curved, contoured chin guard
- Extended patient handlebars
- Adjustable touchscreen displays
- Multipurpose base with color display
- Ultra compact bucky
- Optimal axial compression

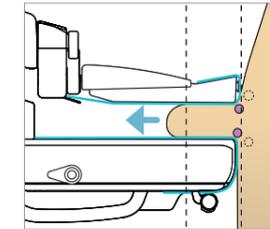


## Unique MaxView™

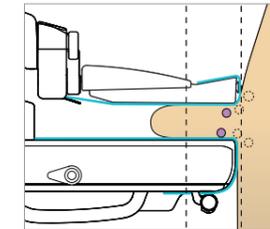
Our patented **MaxView™** breast positioning system enables optimal breast tissue visibility in all routine mammography views and tomosynthesis.



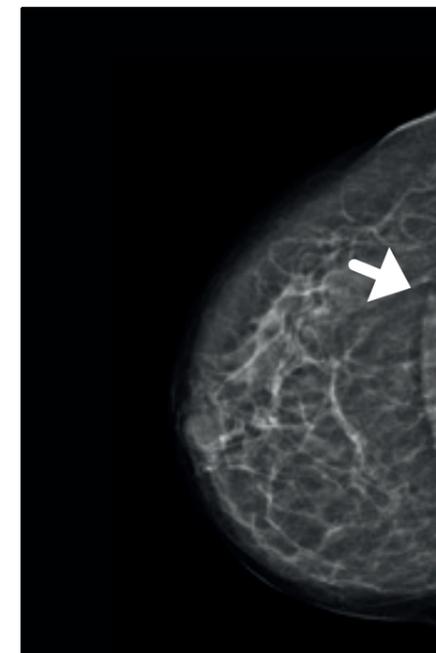
The innovative **MaxView™** uses moving, hygienic, radiolucent sheets above and below the compressed breast.



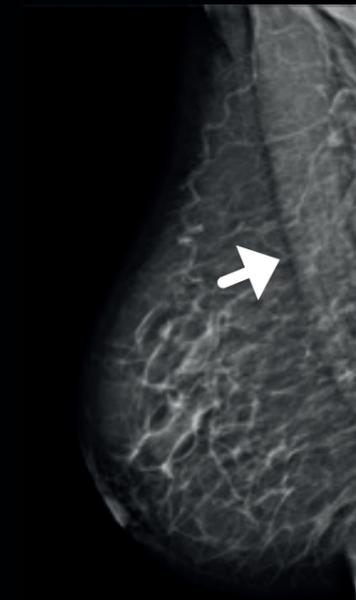
During compression, gentle traction is applied and the sheets draw the breast into the imaging field.



**MaxView™** helps to capture tissue in the field of view.



Right Cranio Caudal (RCC) view with **MaxView™** applied. More breast is visible in the image, including the pectoral.



Right Medio-Lateral Oblique (RML) view with **MaxView™** applied. The inframammary fold and significantly more pectoral muscle are visible in the image (arrow).

# The complete digital breast tomosynthesis system

*Planmed Clarity™ 3D is a complete digital breast tomosynthesis system. It features a compact acquisition workstation with the Planmed Clarity™ Manager software, and an optional motorized imaging station.*

## Complete harmony

With the Planmed Clarity™ 3D system, you can do everything – from fast 2D imaging to accurate 3D diagnostic procedures.

The Planmed Clarity™ Manager and Planmed Clarity™ Flow software are easy to learn and use. They ensure that you can fully concentrate on patient care at all times.



# Ultimate diagnostic confidence with the Planmed review workstation

*The optional Planmed review workstation is a multimodality diagnostic reading station. The elegant and simple interface with the optional **Planmed DigiPad™** shortcut keyboard guarantees a fast workflow in all situations.*

Planmed provides two workstation options: **Planmed Envision™** and **Planmed Envision™ PRO**.

The Planmed Envision workstation is a comprehensive multi-modality workstation. It has all the needed functions, including adjustable hanging protocols, for your daily breast imaging diagnostics. The workstation comes with an extensive set of tools and supports the following modalities: MG, BTO, CR, US, MRI, DX, XA and CT.

Planmed Envision PRO is an optimized breast imaging workstation with support for MG, BTO, CR, US, and MRI. It offers personalized hanging protocols, reporting tools and also incorporates expert viewing methodology such as Tabár's systematic viewing mask techniques.



# Express yourself with exciting colors

Give your **Planned Clarity™** 3D digital breast tomosynthesis system a personal touch by combining its eye-catching design with your favourite color. Pick the perfect one from our lively collection and create an inspiring look you can be proud to call your own!

Ocean

Peach

Sunflower

Lime

Orchid





*Planmed Oy develops, manufactures and markets advanced imaging equipment and accessories for mammography and orthopedic imaging. Planmed's extensive mammography product range covers digital breast tomosynthesis and full field digital systems, analog units, stereotactic biopsy devices, and breast positioning systems for an early detection of breast cancer. Within orthopedic 3D imaging Planmed offers low dose extremity CT imaging for quicker, easier and more accurate diagnosis at the point of care.*

CE 0598 MD Planmed Clarity CE Planmed Wave CE 0598 MD Planmed Verity

# Planmed

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