Planmed Clarity™ 2D

Digital mammography



ENGLISH

Planmed

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 screening and diagnosis.

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

Our elegant and reliable ***Planmed Clarity™ 2D*** *system offers top of the line digital mammography with great promise for the future.*

See more – with clarity!



Breast cancer screening with confidence





We took the challenge of early breast cancer detection very seriously and aimed to create the best digital mammography system in the world. ***Planmed Clarity™ 2D*** *is our vision of the future of digital mammography.*

Options for every need

Optimized for screening and diagnostic mammography

Working with potential breast cancer patients can be very demanding for both the staff and the equipment. Screening is a highly optimiz ed process where technologists needs to be both efficient and considerate, while diagnostic work-ups are meticulous studies of the breast featuring a variety of different imaging methods and careful sampling.

In the following graphic, we demonstrate the role **Planmed Clarity™ 2D** has in screening and diagnostics – the equipment's versatile options effortlessly transform it from a fast screening unit to a high-precision diagnostic system.

Screening mammography

Worklist management → **Image acquisition and evaluation** → **Review**







Diagnostic mammography

Planmed Clarity™ Flow → **Magnification, tomosynthesis, stereotactic biopsy** → **Diagnosis and treatment**







Digital breast tomosynthesis (DBT)

Planned Clarity™ 2D can be upgraded to include digital breast tomosynthesis at any time. Our unique **Continuous Sync-and-Shoot™** movement and innovative **TomoMarker™** technology ensure clear DBT images.

TomoMarker™

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







*Tomosynthesis option is not available for sale in the USA

Stereotactic biopsy option*

The **Planned ClarityGuide™** is a high-precision stereotactic biopsy system. Its exceptionally light-weight needle guidance unit, built-in connections, and compatibility with vertical or optional lateral vacuum-assisted biopsy devices make it versatile and simple to use.

The **Planned Clarity™ Flow** touch control provides intuitive and interactive guidance throughout the stereotactic biopsy procedure.



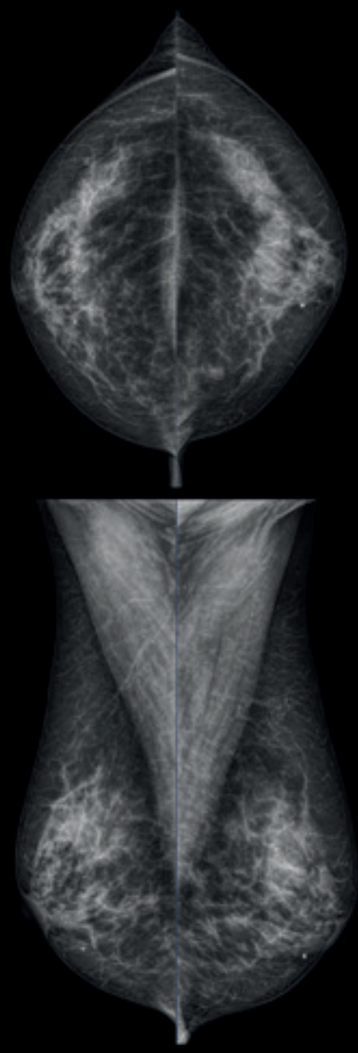




*Stereotactic biopsy option is not available for sale in the USA

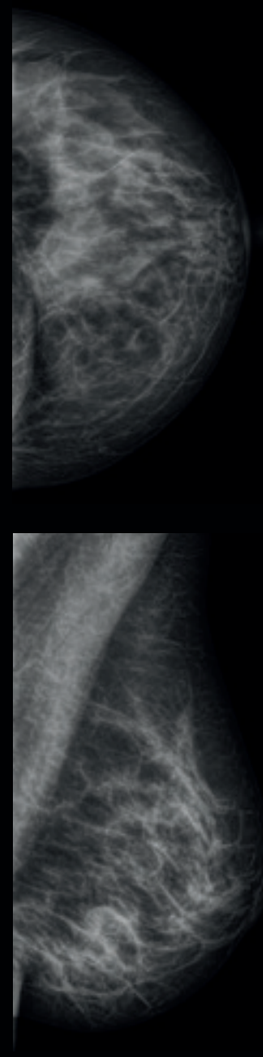
Fine-tuned digital breast imaging

Ensuring the best possible image quality at the lowest achievable patient dose is an everyday challenge in mammography. With the help of leading experts in the field, we have been able to constantly meet the highest standards of patient care and safety – and then exceed them.

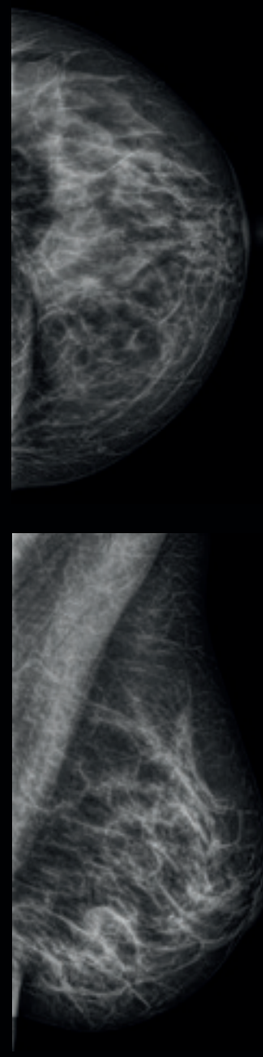


Our post-processing for contrast, sharpness and brightness can be fine-tuned to achieve the perfect image. Below are three image enhancement examples of the multiple possibilities available.

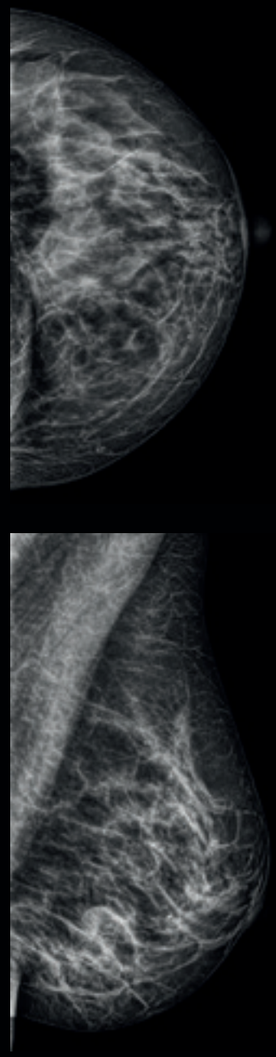
Low enhancement



Medium enhancement



High enhancement



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 individual workflows ease the daily work of technologists. We hope you like the result.





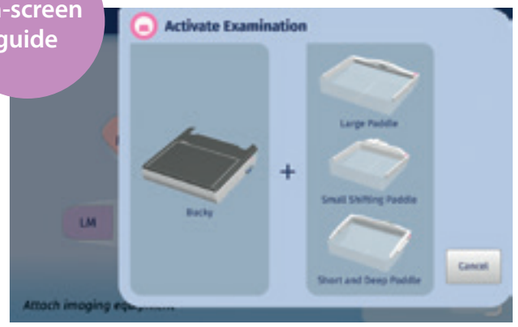
Work smarter with Planmed Clarity™ Flow

*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™ 2D** 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.

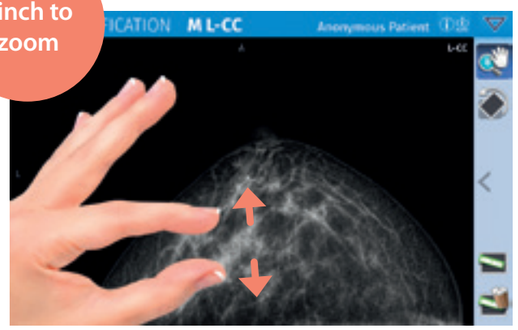
On-screen guide



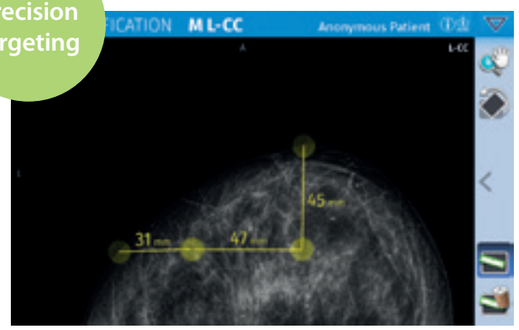
OneTouch™ workflow



Pinch to zoom



Precision targeting





Tomosynthesis option is not available for sale in the USA

Optimal ergonomics

Positioning a patient for a screening mammogram often requires awkward posture, and in the long term users can suffer from repetitive stress injuries. To enhance wellbeing, ***Planned Clarity™ 2D*** *is full of features that improve positioning ergonomics.*

Key Features

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







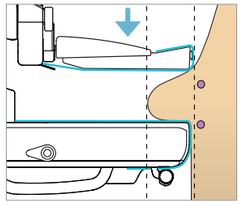




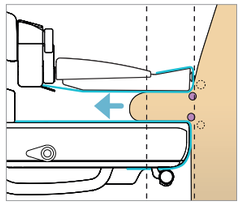


Unique MaxView™

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



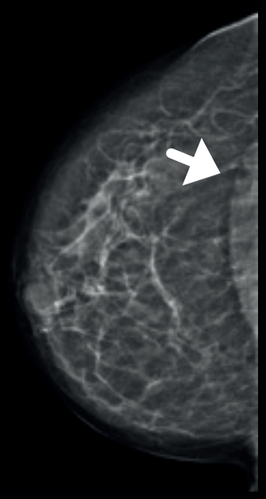
The innovative **MaxView™** uses moving, hygienic, radiolucent sheets above and below the compressed breast.



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 muscle (arrow).



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

The future of digital mammography

***Planmed Clarity™ 2D** is a complete digital mammography system. It features a new acquisition workstation with the **Planmed Clarity™ Manager** software, and an optional motorised imaging station.*

Complete harmony

With the **Planmed Clarity™ 2D** system you can do everything – from fast screenings to 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.*



Express yourself with exciting colours

*Give your **Planmed Clarity™ 2D** system a personal touch by combining its eye-catching design with your favourite colour. 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

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