

Planmed



Planmed
Nuance

*dedicated for
digital mammography*

the future of breast cancer detection

Planned Nuance - premium class Full Field Digital Mammography System

The Planned Nuance FFDM System is Planned's vision of the future of digital mammography: ultimate digital imaging performance combined with exquisite design and user ergonomics.

Planned Nuance provides unparalleled digital image quality and multifeatured diagnostic software solutions for image acquisition, softcopy reading and digital connectivity.

Unsurpassed imaging performance

Planned Nuance delivers clearly superior clinical quality with optimal dose. The high speed X-ray tube with dedicated magnification track and ingenious digital Flex-AEC allow high patient through-put with uncompromised image quality.

Exquisite digital technology

The superior imaging performance of the Planned Nuance FFDM System is based on the precise amorphous selenium detector with 85 µm pixel and 17x24 cm or optional 24x30 cm detector size. The ultra-fast detectors produce images of unparalleled quality for any mammography application.



Optimized for high through-put

The Planned Nuance FFDM System is a perfect solution for high through-put screening. Included are several workflow enhancements for both image acquisition and diagnostic softcopy reading.

High precision digital diagnostics

In addition to screening, Planned Nuance is the right solution for high precision diagnostic mammography. With optionally available accessories, Planned Nuance can be quickly transformed from a screening unit to a diagnostic mammography system.

Unlimited softcopy reading and connectivity

Optional Planned Nuance Softview Diagnostic Workstation features efficient softcopy reading with customizable image hanging protocols. Versatile integrated and optional Digital Imaging and Communications in Medicine (DICOM) modules enable unlimited connectivity.

Commitment for early breast cancer detection

With ultra-fast digital image acquisition, most advanced Flex-AEC, MaxView and Side Access positioning systems as well as efficient softcopy reading solution Planned Nuance conveys Planned's dedication to improve breast cancer detection.

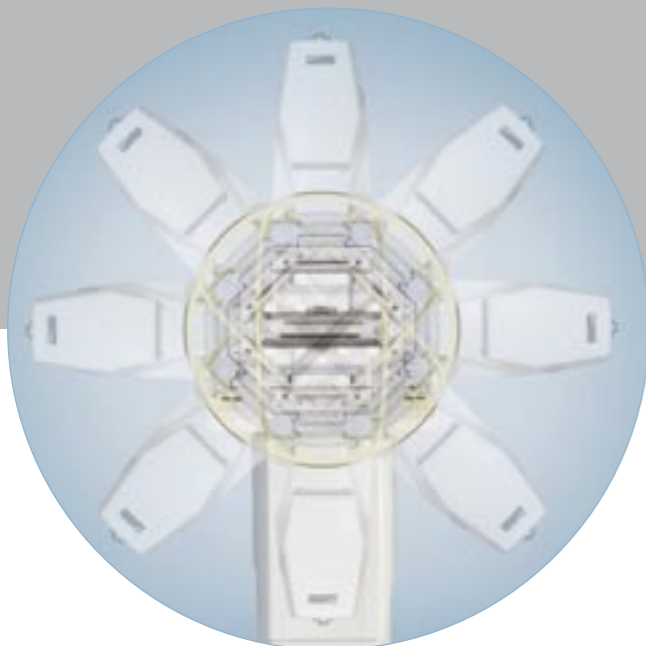
dedicated for digital mammography

unsurpassed imaging ergonomics



Designed for the technologist

Compact size and excellent ergonomics are characteristics that Planned customers are accustomed to expect. Planned Nuance incorporates several enhancements for the technologist in an exquisite, appealing design.



Functional innovations

Planned Nuance is fully loaded with innovations improving productivity. Integrated features such as MaxView, Side Access and isocentric, motorized rotation facilitate efficient and successful examinations.

Imaging patients with Planned Nuance is both efficient and safe. The patient-centered design ensures that the technologist is never far from the patient when operating the unit.



Optimized for patient comfort

The thoughtful design of Planned Nuance improves mammography acceptance by lowering patient anxiety. The compact form of the unit with rounded edges and degressive compression provide a more comfortable patient experience and thereby encourages the patient to participate in mammography screening.

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supreme digital image acquisition

Planned Nuance Acquire Acquisition Workstation

The Planned Nuance FFDM System also features Nuance Acquire, an intuitive digital image acquisition workstation with straightforward imaging workflow. The design of the versatile software is based on the patient-centered working concept, meaning that the technologist remains as close to the patient as possible.



Computer-assisted mammography workflow

The optimal imaging workflow is based on seamless communication between the FFDM unit and the Nuance Acquire Workstation. Each user can define an individual imaging workflow and control it with a single button at the control panel. Together with the optional DICOM worklist provided patient information from HIS/RIS/MIS, the total acquisition time is minimized.



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The dedicated Nuance image optimization algorithm is applied automatically at the acquisition workstation. Subsequently, the perfected images are displayed on the high-resolution grey scale monitor with unprecedented clarity and sharpness.



Digital image communication and archiving

The images can be transferred from Planned Nuance Acquire to PACS, optionally burned on a CD or printed. The optional DICOM connectivity modules allow unlimited scalability from small practices to large central hospitals.

MaxView Breast Positioning System for maximized FOV

Common positioning challenge

All technologists face a common challenge when positioning the patient for mammography: How to ensure maximum breast tissue visibility, especially at the chest wall. Frequently, the back of the breast slips away and is excluded from the field of view (FOV).

Additionally small breasts may be difficult to position due to the limited positioning space between the Bucky and the compression paddle.

Planned's proprietary MaxView Breast Positioning System offers a solution to these challenges: With MaxView, the breast tissue is always maximally captured and imaged in all routine mammography views.

Unique MaxView - maximum tissue visibility

MaxView utilizes two transparent sheets that apply gentle traction to the breast. This has been clinically proven to bring more tissue to the field of view. With MaxView, the back of the breast will not slip away from the compression and even the smallest breast can be positioned without problems.



Optimal breast positioning

Skillful breast positioning is a prerequisite for each mammography examination. MaxView is designed to enhance positioning skills by capturing more tissue at the chest wall where even a few millimeters can make a difference.

Enhanced tissue separation

In addition to extra tissue visibility in the field of view, MaxView also enhances tissue structure separation. This helps to discern superimposed structures and increases chances for early lesion detection.

Hygienic sheets

MaxView also helps to maintain hygiene. Disposable radiolucent sheets provide each patient a clean surface for the sensitive breast tissue.

dedicated for digital mammography 9

MaxView - dedicated breast positioning assistant

Precision technology

The integrated MaxView modules incorporate motors that are used to pull the sheets. The module control panels are conveniently located on both sides, as well as underneath the C-arm for optimal availability.



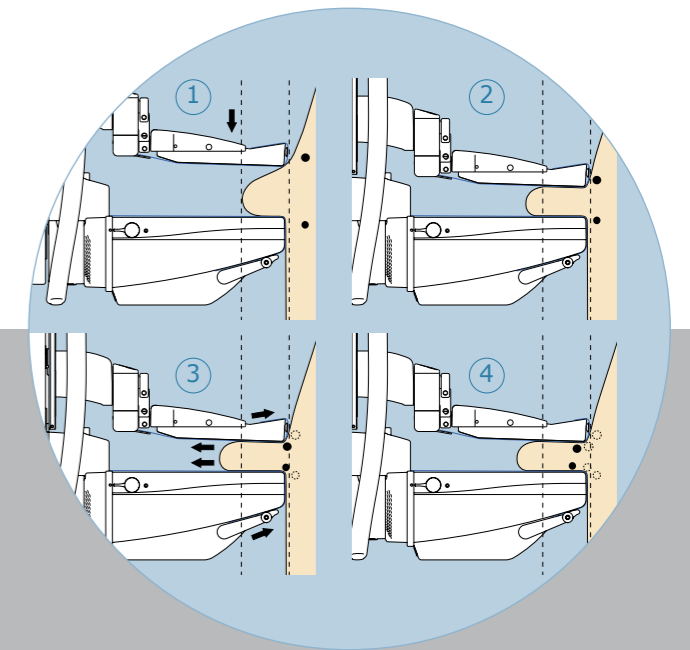
Easy to operate

Operating MaxView is straight-forward: During moderate breast compression, the sheets are pulled forward by using a dedicated foot control. With the breast in optimal position, full compression is applied and the X-ray image is taken.

After each exposure, the sheets automatically return to the starting position for the next view. Upon completion, the sheets are removed by a single push of a button.



For some patients, the nipple may not align perfectly in profile when compressed. MaxView can be used to correct the breast position by operating either of the MaxView sheets independently. Consequently, the nipple turns perfectly to the profile.



Improved breast cancer detection

Planned is dedicated to improve breast cancer detection. We continuously bring new innovations such as MaxView to the market in order to fulfill our commitment. In a perfect balance with excellent ergonomics and exquisite, appealing design, Planned innovations are indispensable for mammography professionals.

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Side Access *improved patient positioning*

Ergonomics

Good working ergonomics equals to high performance. Planmed Nuance is optimized for both; the unit includes several features that help in positioning ergonomics, and at the same time, the unit is well prepared to meet the increasing demand of higher performance.

Enhanced patient access

Side Access Patient Positioning improves positioning ergonomics by moving the tube head to either side of the breast support table. The tube head rotates up to 30 degrees around the isocentric center while the table remains stationary. This unique turn provides strikingly more space for positioning. Moreover, the light field stays focused to the breast, improving positioning accuracy.

Patient-friendly design

Side Access has been designed to be patient-friendly. The smooth Side Access turn helps the patient to maintain perfect posture for the mammography examination, while providing easier and faster positioning.



Increased space for biopsy

Side Access is particularly helpful when performing needle localizations or biopsy procedures. Side Access allows better patient accessibility and workspace, resulting in quicker procedures, less retakes and minimal patient discomfort.

Better results faster

In addition to detecting breast cancers earlier, Planmed's goal is to provide solutions for enhanced working environment of mammography professionals. Stress-free environment will result in improved patient-care and consequently increased acceptance of mammography. We at Planmed see that even a small improvement in the right place can make a clear difference in the overall performance.

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digital mammography*

revolutionized diagnostic mammography

Dedicated accessories

Planned Nuance provides ultimate versatility of dedicated diagnostic tools. Optionally available accessories for stereotactics and geometric magnification transform Planned Nuance from an efficient screening unit to a high precision diagnostic system. In addition, Planned provides a comprehensive selection of other optional accessories and software modules.



Digital stereotactics

Planned Nuance DigiGuide is optionally available for high precision digital stereotactic procedures. The system is compatible with both vertical or optional lateral vacuum-assisted biopsy devices. Also motorized compression with manual fine-tuning is optionally available.

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With Planned Nuance stereotactic biopsy system, all steps in the workflow are easily accessible with a single push of a dedicated button. The stereotactic workflow is clearly indicated on the control panel, making the procedure fast and flawless.



Geometric magnification

Dedicated magnification track and optional geometric magnification tower with 1.6, 1.8, and ultra-high 2.0x magnification offer superb magnification imaging with unmatched flexibility and ergonomics. Featured ergonomic handles offer good grip and additional safety for magnification imaging.

superior mammography imaging software

Planned Nuance Softview Diagnostic Workstation

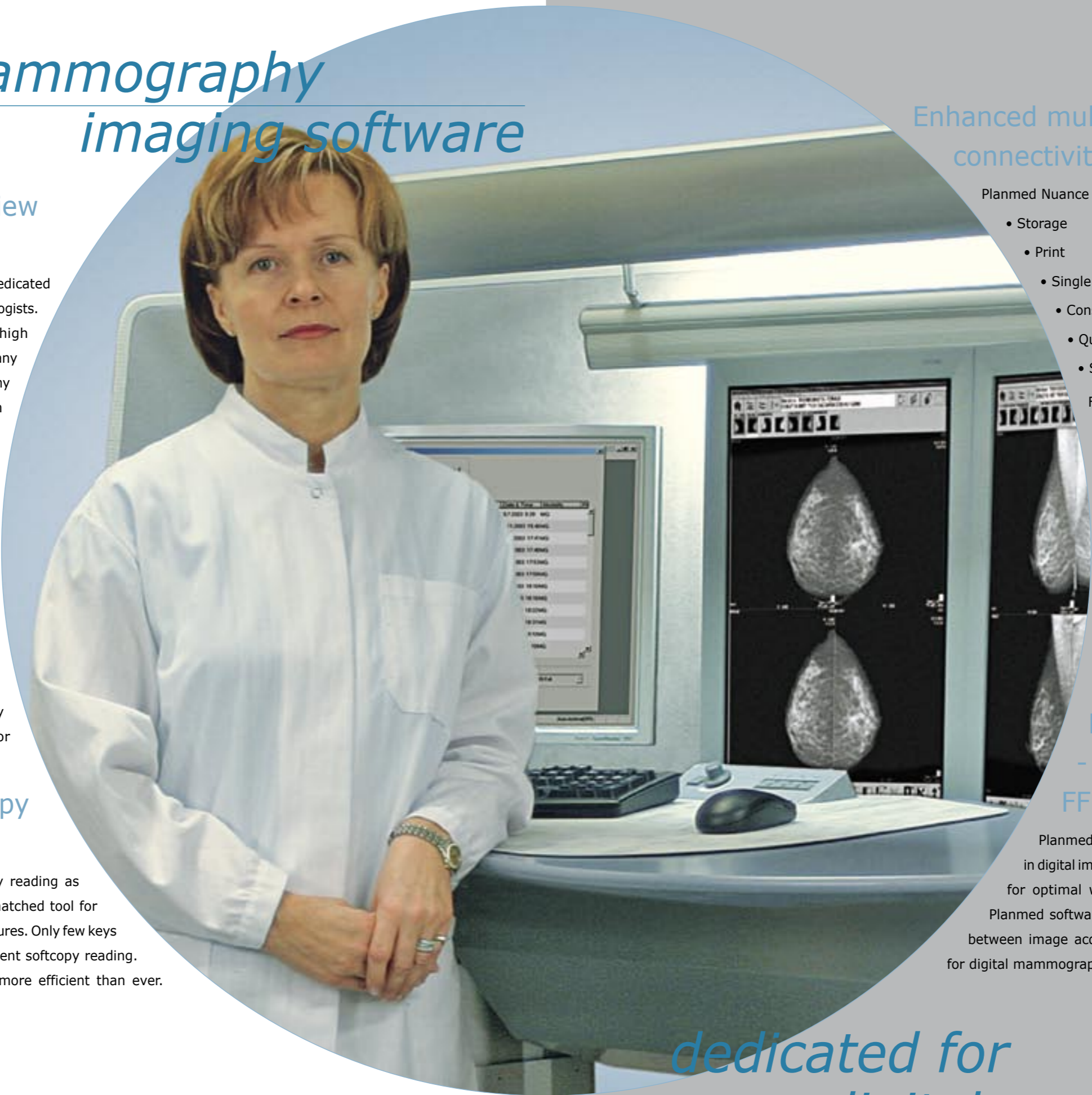
The optional Planned Nuance Softview is a dedicated mammography diagnostic workstation for radiologists. The customizable system featuring dual high resolution grey-scale monitors is adaptable for any imaging environment from a small mammography facility to a large central hospital. Together with the Planned Nuance FFDM System, Nuance Softview can really make a difference to softcopy reading.

Facilitated workflow

Planned Nuance Softview Diagnostic Workstation features softcopy reading with facilitated workflow. The software supports personal image hanging protocols that can display both prior and current mammography images in a predefined, individual sequence. Also mammography dedicated display and measurement tools are provided for diagnostics.

DigiPad for easy softcopy reading

Planned's unique design extends to softcopy reading as well: the optional Planned DigiPad is an unmatched tool for image display management with intelligent features. Only few keys can handle all the functions required for efficient softcopy reading. DigiPad makes softcopy reading easier and more efficient than ever.



Enhanced multi-modality connectivity

Planned Nuance Softview optional DICOM modules include

- Storage
- Print
- Single Media Archive
- Consult File Creation
- Query/Retrieve
- Storage Commitment.

Furthermore, Nuance Softview can be extended to a multi-modality workstation with specific image display properties. The optional multi-modality software package facilitates softcopy reading of additional modalities, such as US, MRI and CT.

CAD interface

Optional CAD marker display is also supported. Please ask for your authorized Planned representative for more information on CAD availability.

Planned Nuance - perfect solution for FFDM

Planned Nuance Acquire and Softview are a perfect pair in digital imaging: Both software systems can be customized for optimal workflow and communication. Together, the Planned software solution establishes a seamless connection between image acquisition and softcopy reading, a prerequisite for digital mammography.

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features and benefits

Two detector sizes

Planmed Nuance features 17x24 cm or optional 24x30 cm α -Se FFDM detectors.

Improved workflow

Planmed Nuance Acquire is an easy to use acquisition workstation for the technologist with a high-resolution grey-scale monitor.

Digital Flex-AEC

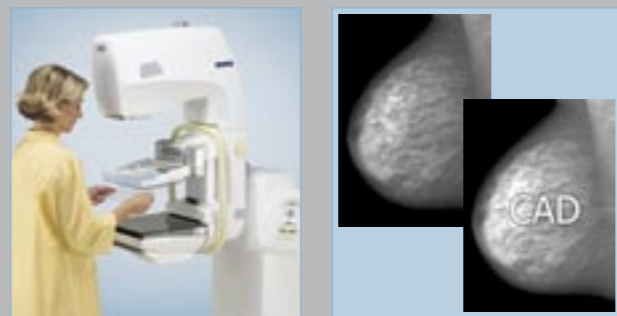
Flex-AEC is the only truly automatic AEC system in the market today. Flex-AEC automatically determines optimal exposure parameters for all tissue types.

MaxView

The integrated MaxView Breast Positioning System improves breast cancer detection by maximizing the tissue visibility in the field of view.

Side Access

Side Access Patient Positioning improves working ergonomics and allows better access for biopsy procedures.



Nuance DigiGuide

The optional DigiGuide digital stereotactic biopsy system enables exceptional stereotactic targeting precision with full DICOM connectivity.

Geometric magnification

The optional Planmed Nuance magnification tower is all you need for different digital geometric magnification procedures.

Easy softcopy reading

The optional Planmed Nuance Softview Diagnostic Workstation with DigiPad offers streamlined and ergonomic softcopy reading.

CAD interface

Planmed Nuance Softview Diagnostic Workstation features optional CAD marker display.

Digital connectivity

DICOM connectivity allows unlimited connectivity for image and information communication and archiving.

Planmed mammography

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highlights

Planmed Nuance

Digital Product Line



- Full Field Digital Mammography (FFDM) unit
- Either small or optional large detector size
- Integrated MaxView and Side Access
- Optional digital stereotactics

- PreDigital Unit
- Field upgradeable to FFDM
- Optional MaxView, Side Access and stereotactics
- CR interface available

Planmed Nuance Classic

Planmed Sophie

Analog Product Line



- Acclaimed film-based unit with integrated features
- Twincomp compression
- Adjustable motorized magnification
- Optional MaxView and stereotactics

- High-performance mammography platform for variety of needs
- Retrofittable with versatile options
- Available also as mobile unit with optional battery back-up

Planmed Sophie Classic

equipment and accessories



Planmed offers a comprehensive range of mammography systems and optional accessories:

- Planmed Nuance
- Planmed Nuance Classic
- Planmed Sophie
- Planmed Sophie Mobile
- Planmed Sophie Classic
- Planmed Sophie Classic Mobile
- MaxView Breast Positioning System
- Planmed DigiGuide
- Planmed Cytoguide
- Planmed Radiation Protection Screen
- Planmed Accessory Storage Unit
- Planmed Accessory Storage Cart
- Planmed Network ID Camera



PLANMED U.S.A., 100 N. Gary Ave., Suite A, Roselle, Illinois 60172, USA, tel. +1 630 894 2200, sales@planmedusa.com
PLANMED Germany, Obenhauptstraße 5, 22335 Hamburg, Germany, tel. +49 40 51320 633, verkauf@planmed.de

Planmed

PLANMED OY Asentajankatu 6, 00880 Helsinki, Finland
tel. +358 20 7795 300, fax +358 20 7795 555, sales@planmed.com, www.planmed.com

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