

Planmed



Planmed
Sophie
Classic
Mobile

*dedicated for
mobile mammography*

mobile mammography at its best

Planned Sophie Classic Mobile – proven mammography on wheels

The Planned Sophie Classic Mobile system takes transportable mammography to a new level. Generously equipped with integrated features and the latest imaging technology with high speed bi-angular x-ray tube, the system is excellent for both base-line screening and detailed diagnostic procedures. The modular design provides an accessible path to expand the system further when the need arises with versatile options, such as Flex-AEC, the MaxView Breast Positioning System or DigiGuide digital stereotactics.



Unbeatable mobility

The unique system design of the Planned Sophie Classic Mobile provides safe, quick and easy mobility. The unit's light weight and compact size together with large rubber wheels and castors ensure effortless moving. The active brake system with lockable front wheels keeps the unit stabilized during imaging exams. When transporting, the unit folds down and the C-arm is safely locked with a smart arrester. The telescopic column, with a foldable radiation protection shield, allows extremely good visibility for steering when the mobile is being moved from place to place.

Flexible power options

The system operation in weak line conditions or with limited fuse size can be assisted with an optional integrated battery system. When equipped with the battery system, the unit operates in a voltage range from 104 VAC to 264 VAC, 50/60 Hz with 15 amp fuses. This allows simple wall outlet connections in most places. Planned's battery packed operation provides greater flexibility and ensures consistent image quality in remote areas with limited power resources.

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unique technology – maximal operational and clinical value



Attractive ergonomics

The Planmed Sophie Classic Mobile unit with Auto-Load Bucky is associated with acclaimed ergonomics and patient-friendliness. The sleek light-weight Auto-Load Bucky provides automatic, ergonomic and tech-friendly cassette loading and unloading. Comprehensive automated functions like swift and soft isocentric C-arm rotation lighten the work burden, speed up the examination procedures and enhance patient comfort.



Dependable performance

Flex-AEC is an anatomically adaptable exposure control system, which optimizes mammography image quality. This optional feature utilizes 48 detectors and Planmed’s patented Flex-algorithm to determine precise imaging parameters according to breast tissue composition. With no need for the technologist to select the appropriate AEC-chamber, screening exams are streamlined resulting in less retakes and a more efficient workflow.

Apart from being truly mobile, the Planmed Sophie Classic Mobile stands out from other mammography units with its integrated and extremely compact high-frequency generator. The dual power generator has established a considerable degree of technical superiority with imaging power that is truly constant and efficient.



Image quality is never compromised with its full-featured technology and excellent performance. The ripple-free output improves contrast, shortens exposure times, reduces glandular dose, eliminates retakes and extends the life span of the x-ray tube.

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MaxView Breast Positioning System for maximized field of view

Unique MaxView

Planned's proprietary and optional MaxView Breast Positioning System combines the latest technology for breast compression and positioning. MaxView is designed to enhance technologists' positioning skills by capturing more tissue at the chest wall where even a few millimeters can make a difference. Clinically proven, MaxView may increase a patient's chance for early lesion detection.

Maximize positioning skills

All technologists face a common challenge when positioning the patient for a mammography exam: How to ensure maximum breast tissue visibility, especially at the chest wall.

Additionally small breasts may be difficult to position due to the limited positioning space between the Bucky surface and the compression paddle. MaxView offers a solution to these challenges.



Easy to operate

With MaxView, the breast is positioned between disposable radiolucent sheets, which provide a clean surface for sensitive breast tissue. During compression gentle traction is applied with a special foot control, causing the sheets to move forward, thus drawing more chest wall tissue forward into the field of view.

In addition to extra tissue visibility, MaxView also enhances separation of overlying tissue structures. This helps discern superimposed tissues, hopefully reducing the recall rate while increasing the chances for early lesion detection.

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.

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.

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Patient-centered design

Compact size and excellent ergonomics are characteristics that Planned customers know and appreciate. Imaging patients is both efficient and safe with the Planned Sophie Classic Mobile. The patient-centered design concept ensures that the technologist is never far from the patient when operating the unit. Reducing patient anxiety provides a more comfortable patient experience, thereby encouraging the patient to participate in mammography screening.

Modular architecture

The modular system architecture allows the system configuration to be easily expanded with several other optional accessories such as magnification and needle localization kits, network ID cameras,



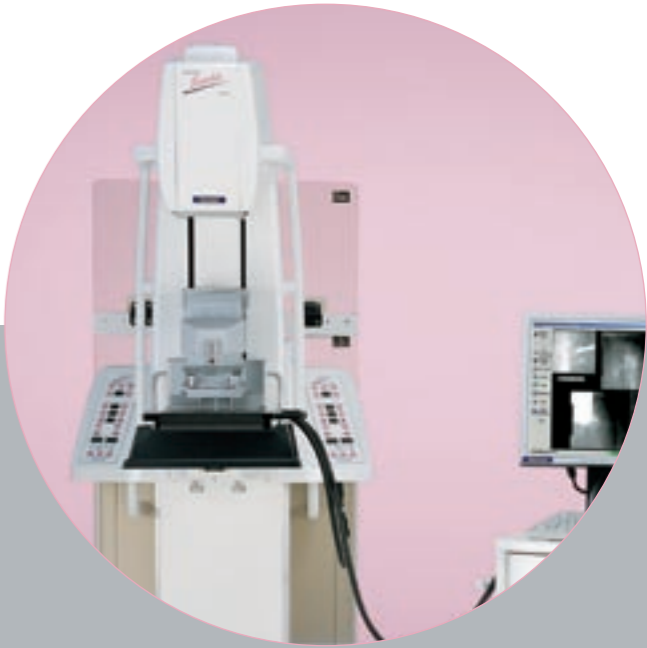
Flex-AEC and analog or digital stereotactics. A single magnification stand offers 1.6x and 1.8x magnification factors. The magnification stand is light, rigid and easy to attach. The large positioning area provides patient comfort and ample space for breast positioning. Thanks to automatic cassette loading and unloading, the cassette handling is ergonomic and technologist-friendly.

unsurpassed imaging ergonomics and upgradeability



Dedicated solutions

The optional Planned Cytoguide and DigiGuide biopsy needle guidance systems, driven by the Planned Sophie Classic Mobile, are regarded as the most advanced and elegant systems for analog and digital stereotactics today. Light-weight and motorized biopsy units with automatic electrical connections provide simple



set-up and ease of use. Long SID, combined with optimized C-arm angulation geometry, facilitates the best accuracy also in the Z-direction. Longer SID provides more space for breast positioning and ample room for stereotactic core biopsy procedures.

Planned focuses its resources on providing better solutions for mammography. The company is devoted to delivering such high quality technology to the marketplace that not only enhances the day's performance, but also increases the efficiency in the working environment. In-depth knowledge and expertise of innovative technologies for women's health has earned Planned the reputation as an accomplished leader in the field of mammography.

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features and benefits

Unsurpassed mobility

The compact and light-weight Planmed Sophie Classic Mobile is the only truly movable mammography unit suitable for base-line screening and detailed diagnostic procedures.

Isocentric motorized movements

All Planmed mammography units are fully motorized with swift and silent isocentric C-arm rotation.

Compact and integrated platform

Four large wheels, active brake system, integrated telescopic radiation protection screen and third operation console with exposure button provide comprehensive platform for mobile use.

Auto-Load Bucky

Automatic cassette loading/unloading and alignment are included as well in the contact as in the magnification mode.

Flex-AEC

The optional Flex-AEC is the only truly automatic AEC system in the market today. Flex-AEC automatically recognizes both breast size and tissue type.



MaxView

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

Geometric magnification

The optional single magnification stand offers 1.6x and 1.8x magnification factors. The dedicated magnification track ensures optimized image quality.

Stereotactic biopsy

The optional stereotactic breast biopsy devices can be either film/screen based Planmed Cytoguide or digital CCD-based Planmed DigiGuide.

Battery backed system

The optional integrated battery kit provides operation in a voltage range from 104 VAC to 264 VAC, 50/60 Hz with 15 amp fuses.

CR-interface

The optional CR-interface allows enhanced imaging communication with major computed radiography systems.

Planmed mammography

Planmed

highlights

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 Nuance

Analog Product Line



- Acclaimed film-based unit with integrated features
- Twincomp compression
- Adjustable motorized magnification
- Optional MaxView and stereotactics
- High-performance mammography platform for a 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



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