

CARE YOUR CONCERN



The First Digital Mammography in China



Navigator Series Mammography →

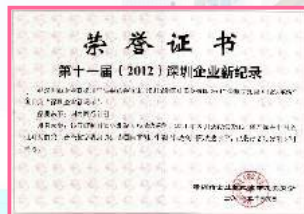


Sino Medical-Device Technology Co., Ltd.
Build Quality, Build Reliability

CARE YOUR CONCERN

Sino Medical-Device Technology Co.,Ltd (SINOMDT) is a National high-tech company leading in mammography sector, 1 PCT and 7 invention patents have been authorized already. SINOMDT has developed the first digital Mammography in China, and received the CFDA in year 2011, this product was awarded as the "National Key New Product" by the Ministry of Science and Technology in China, and SINOMDT is the manufacture base of the digital mammography products in Shenzhen.

SINOMDT input more than 15% revenues and 30% staff in R&D each year, has strong R&D and innovation capabilities in the medical devices industry. SINOMDT has passed ISO13485 and ISO9001. Up to now SINOMDT's products have been distributed to more than 70 countries and won their trust globally.



Navigator

Series Mammography →

With the elegant stand-alone design, the Navigator series mammography has elegant and smart outside view, and very easy to install and operate. Offer flexible multi choice from the film-screen model to the full field digital mammography (FFDM), provide the best solution for the screening and diagnosis of women's breast diseases.



Navigator DR Mammography (Amorphous selenium flat-panel detector, full field digital model, high-end digital model) The first digital mammography in China

The First Digital Mammo in China



Navigator DR Plus (Amorphous selenium (a-Se) large size flat-panel detector, Mo/W target, the high-end full field digital)

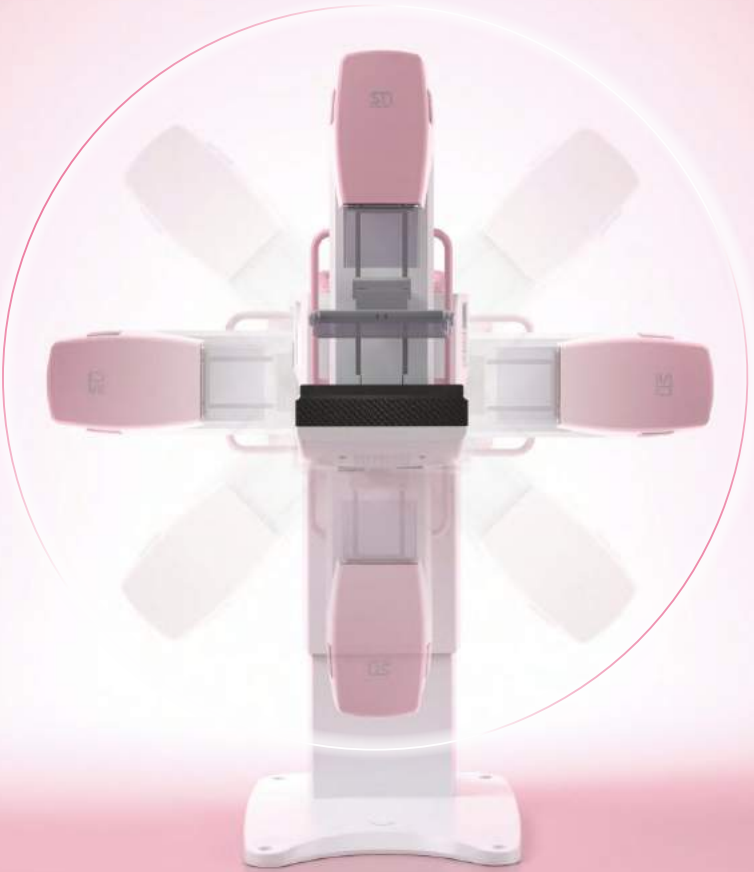


Navigator DR Care (Amorphous silicon (a-Si) large size flat-panel detector, Mo/W target, the full field digital model)



Navigator Platinum (Film-screen model, adaptive IP board upgraded to CR model, and the rack is compatible with the digital model)





Iso-center Rotation

Stand-alone Design, More elegant

- High pressure power supply integrated in the rack, saving Space, Height of equipment adjustably and with dolly equipped, Moving



Outstanding center such as rotating invention patent technology, fast and comfortable

- With Isocenter Rotation patent technology, C-arm turns around the inspected part of patient without need to adjust the height of C-arm as shooting different body position. This shortens time for body position adjustment significantly and improves the examination efficiency and decreases the patient's discomfort.

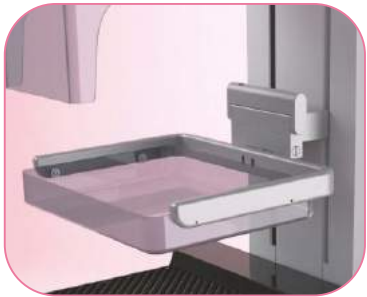
Six operational panel on both sides of equipment, More convenient



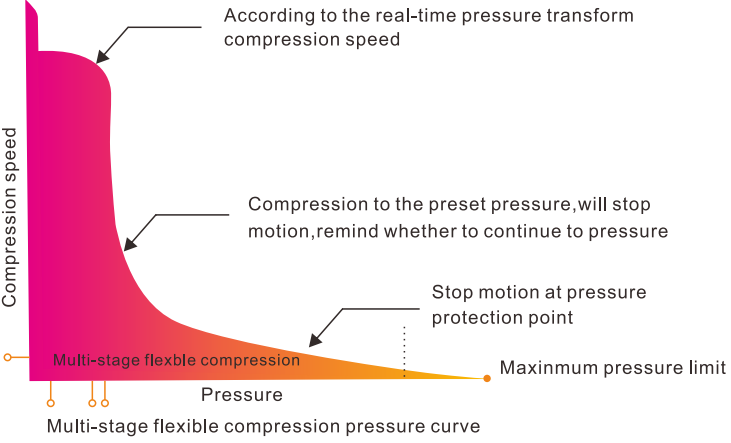


Arc style design and multilevel flexibly smart compression, More comfort

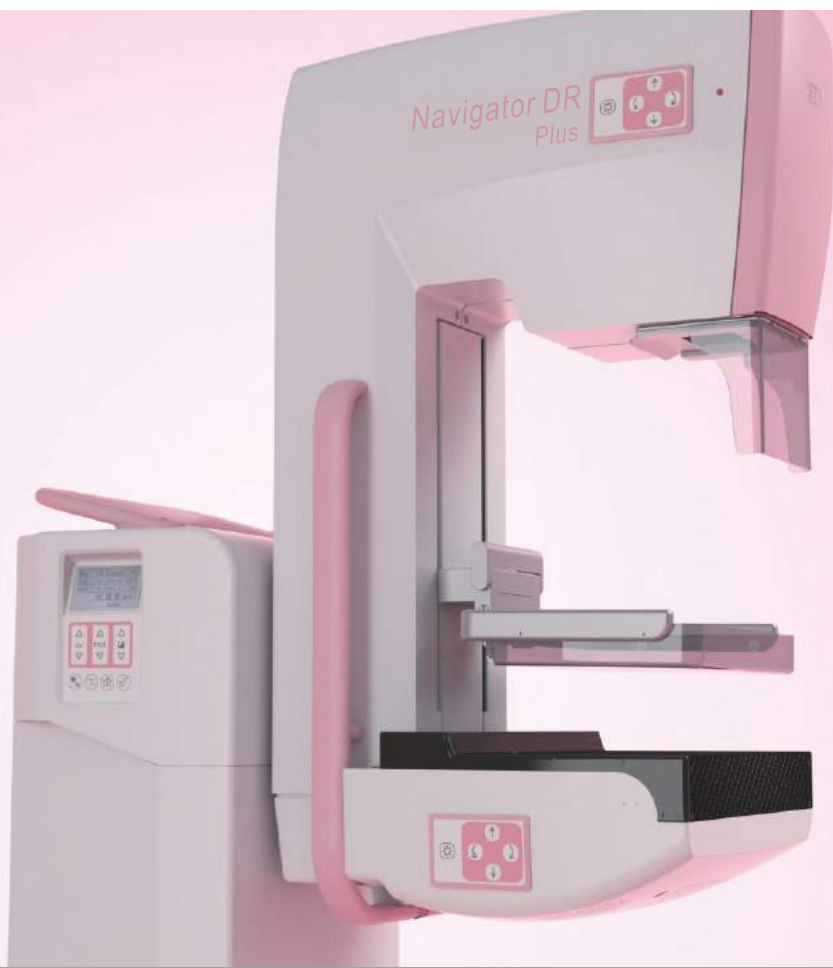
> Round corner of compression plate made with arc style design, Top quality material used for compression plate



> With multilevel flexibly smart compression technology, compression plate can lift quickly when no breast touches and can compress breast flexibly when compression begins and compression rate slows down as compression force increases gradually for minimum of patient's suffering. After completeness of shooting, the compression plate releases automatically. And compression plate can be released manually for safety consideration



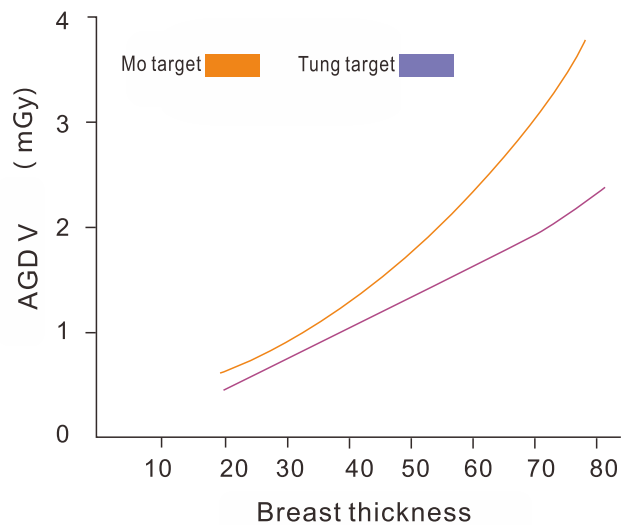
★ This characteristics is applicable for all of Navigator Series equipments.



Navigator DR Mammography Navigator DR Plus

Direct imaging premium
digital Mammography

AAEC Patent technology, Lower irradiation Dose



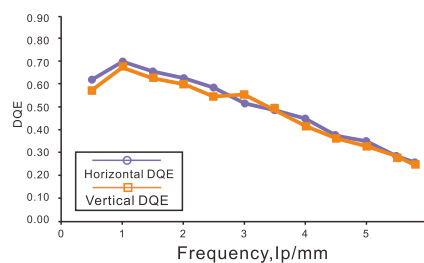
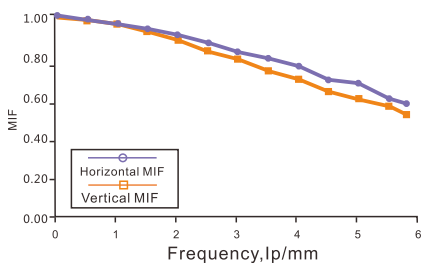
- ▶ Smart compression system, AAEC patent technology, automatic filtration selection and x-ray field adjusting technology to achieve the balance between minimum exposure and optimum exposure effect and to guarantee image quality with minimum irritation dose.



Efficiency and practical acquisition and viewing workstation

- User-friendly GUI(Graphic user interface),support various exposure mode
- User-friendly interface, simple and easy to operate
- Fast transmission speed, comply with DICOM3.0 protocol, can achieve the seamless link with HIS, RIS, and PACS systems
- Powerful tools for patient management, data gathering and image reconstruction, viewing and measuring, typesetting, printing, storage, provides rich aides for diagnosis

More excellent imaging performance



- High MTF and High DQE to guarantee imaging system to collect better image with lower dose

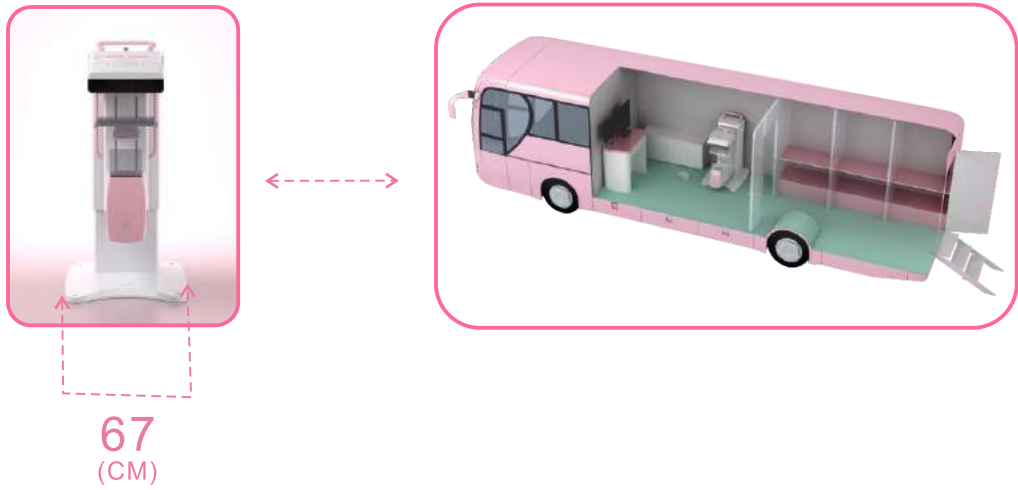
➔ With special detector of a-Se for breast mammography, X-ray is transferred to electric signals directly without the additional process of transferring x-Ray to visible and then to electric signal. This eliminates the artifact due to scattering of X-Ray and guarantees the authenticity from the imaging mechanism and can really satisfy the requirements of breast mammography on details. With high DQE, this can guarantee high resolution of image and meanwhile decrease irradiation dose .

Super environmental adaptability, high performance digital model

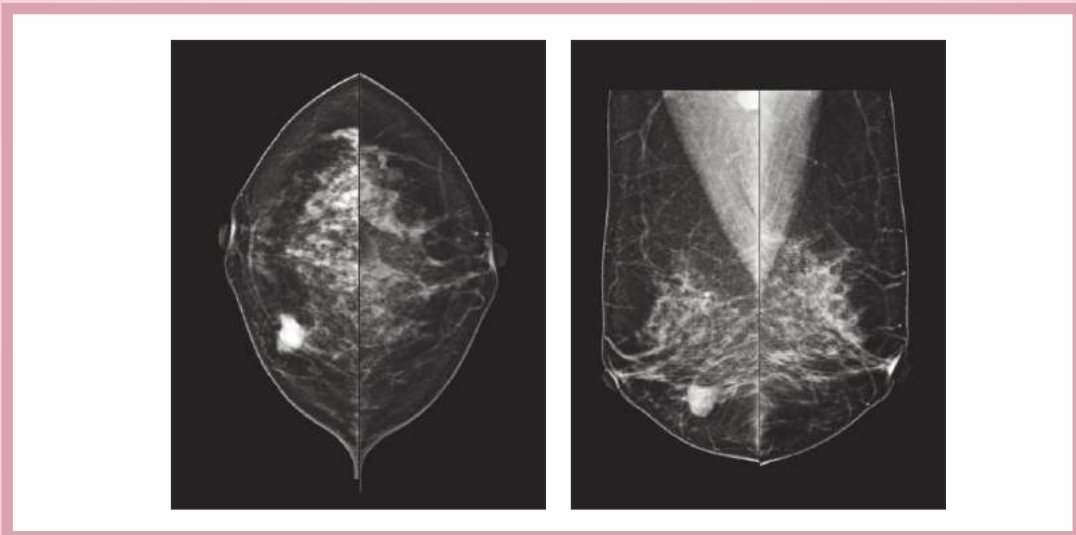


Navigator DR Care

- ▶ This type of equipment uses special amorphous silicon detector for breast mammography and belongs to digital mammography system with elegant and classic integrated shape. Perfect environmental adaption makes it available for indoor and vehicle application for different intended use.



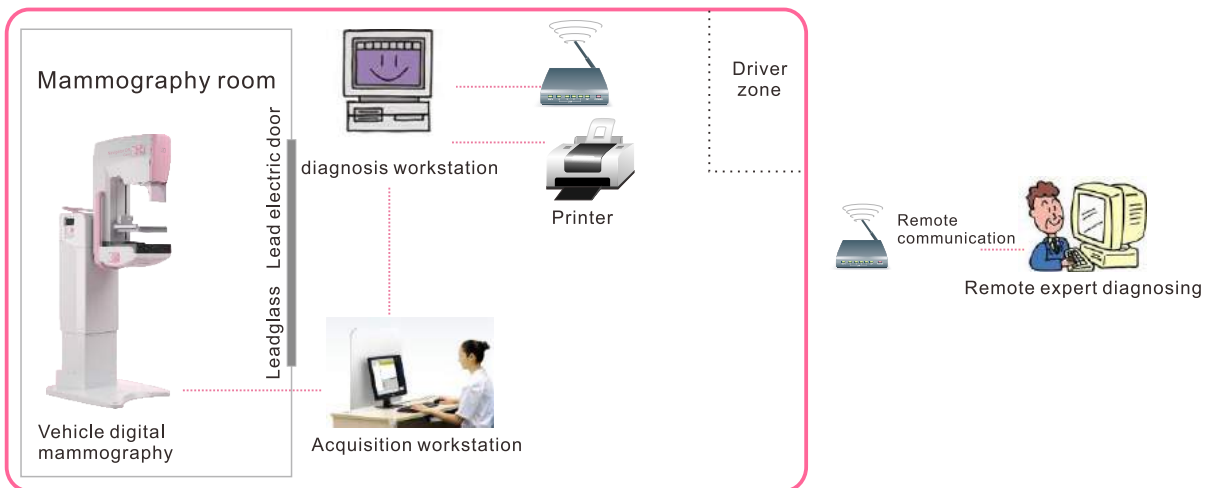
Integrated equipment needs less space and moves easily. Two-section design and adjustable height makes it applicable to use in tight space, e.g. vehicle.



High image resolution

- Use of high special resolution detector , imaging quality to reach the standard of same equipment in the world.

Diagram for vehicle application



Applicable for different environment, e.g. vehicle application, with wide scope of environmental adaption.



Economical and practical screen-film mammography system

Navigator Platinum

- This type of equipment is screen-film mammography system and continues the excellence of Navigator series of elegant shape and easy operation.
- This type of equipment can optionally support little 18*24cm and large 24*30cm cassettes and also optionally support movable grid. This type of equipment can adapt breast IP plates of different suppliers and can be updated to Crmammography system.



Convenient body position marking

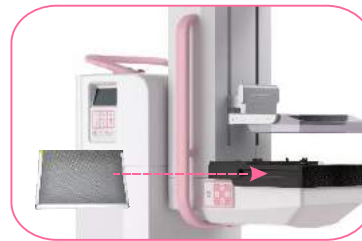


Diagram of IP plate adapting

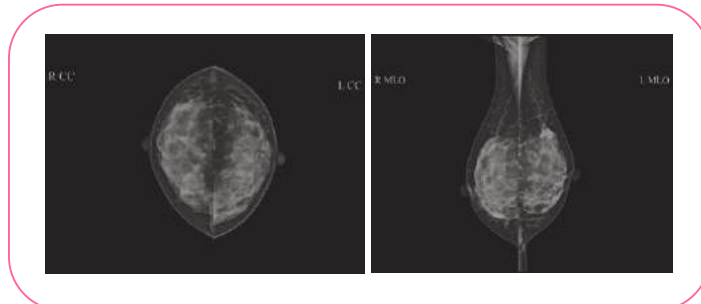
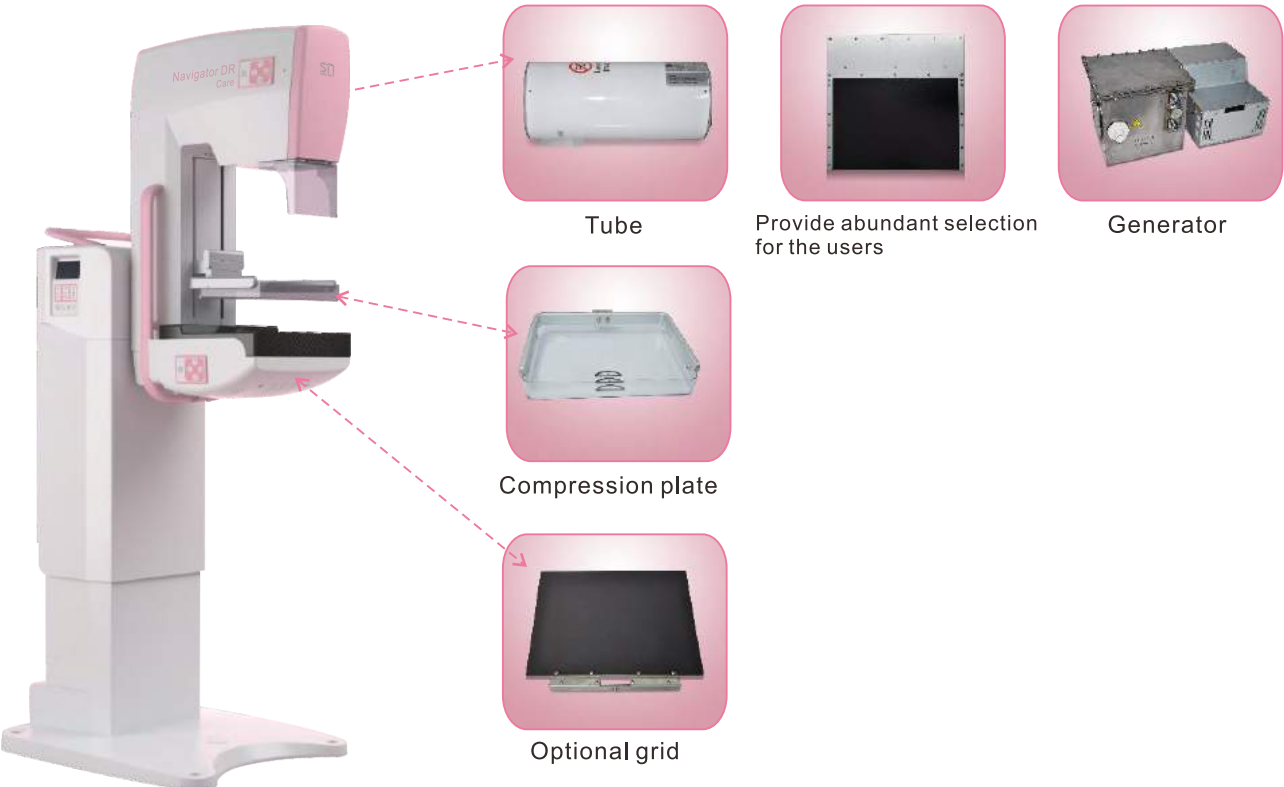


Image collected by the equipment accompanied with IP plate



Optional configuration

- Mo target and Tung target, Amorphous selenium detector and amorphous silicon detector, Different dimension of compression plates





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