

## Caring for you

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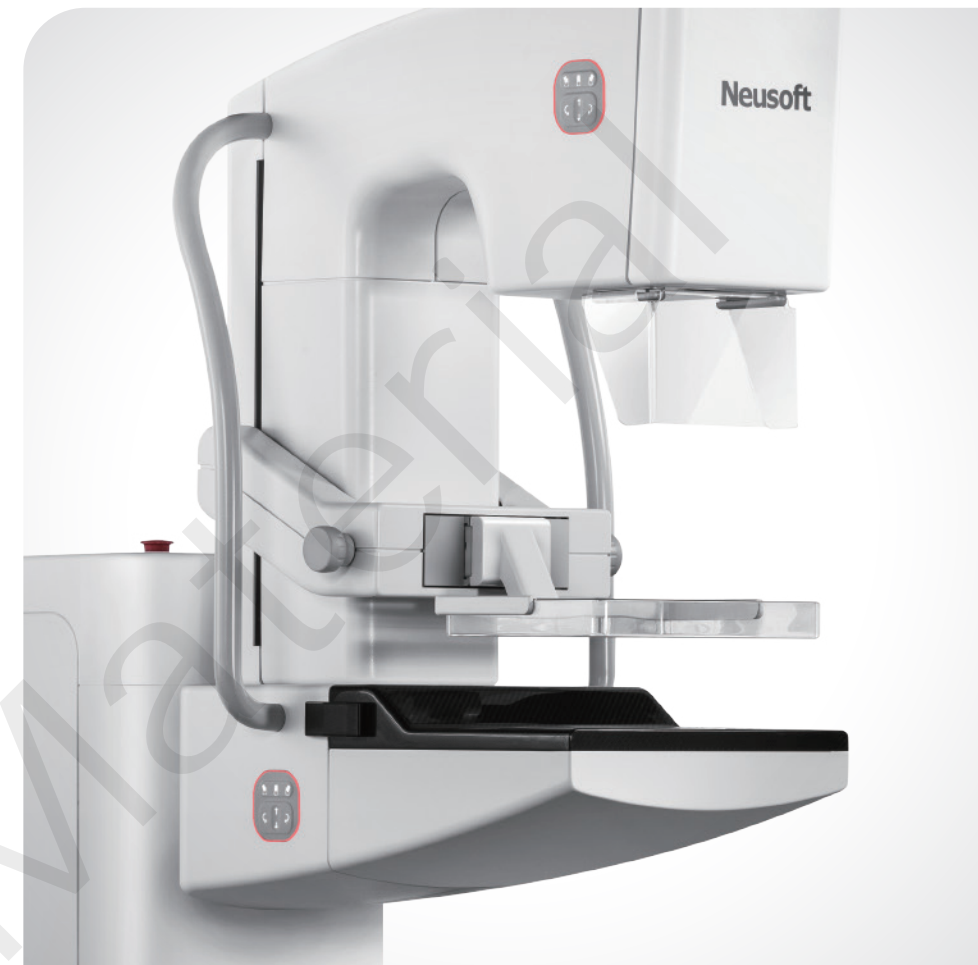
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# NeuCare Mammo DR HD

## Digital Mammography System

NeuCare Mammo DR HD/V 17.1.1



As one of the “Digital Mammography Equipment Industry Standards” makers in China, Neusoft Medical Systems released its first high-end digital mammography system in 2014 which has benefited patients greatly since then. Three years later, in 2017, the company successfully released “NeuCare Mammo DR HD” , which features intuitive user interface and lowest dose. This new digital mammography reflects how Neusoft Medical Systems’ core value of meeting patients’ and doctors’ demands.







## AESTHETIC DESIGN

### Exquisite Appearance

- "less is more" design concept.
- Concise and natty appearance.
- Accurate functional definition.
- Clear user guidance.

### No-Nail Design

- Through smart design not a single nail is needed for the device.
- Strong stress tolerance.
- No-nail cover enhances overall stability.
- Convenient maintenance.

### Dynamic Colorful Screen

- Pink design gives the device a feminine ambience.
- Dynamic data display for much easier information access.
- Extraordinary human-machine interaction.
- Ergonomic screen design provides clearer vision.

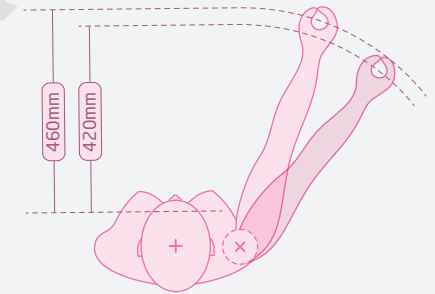




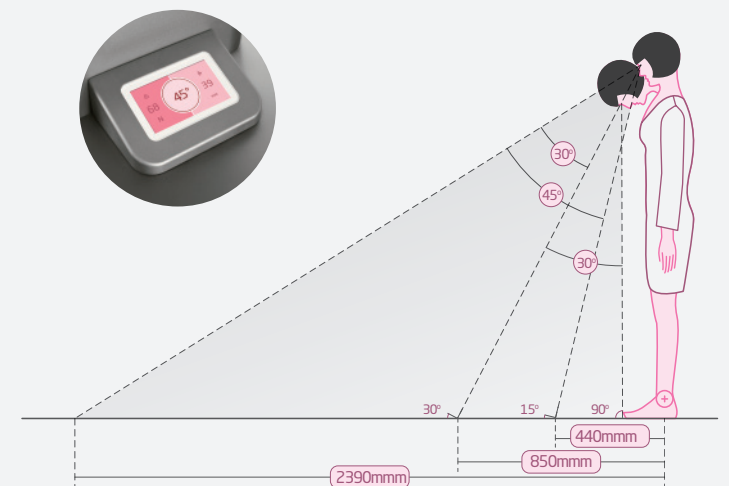


# HUMANIZE CARE

- Ergonomics design provides comfortable experience for all the patients.



- 20 degree tilted screen provides better vision experience.

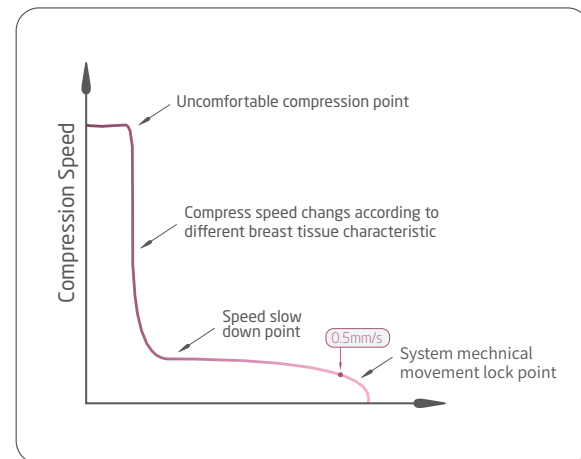


- The 18 degrees of cushioned bevel design increases security and safety for patients and technicians.



## Sense Intelligent Compression (S.I.C)

- Intelligent perception of breast tissue density and thickness.
- Automatic adjustment of compression.
- 0.5mm/s compression adjustment.
- Soft compression for more comfortable examination experience.



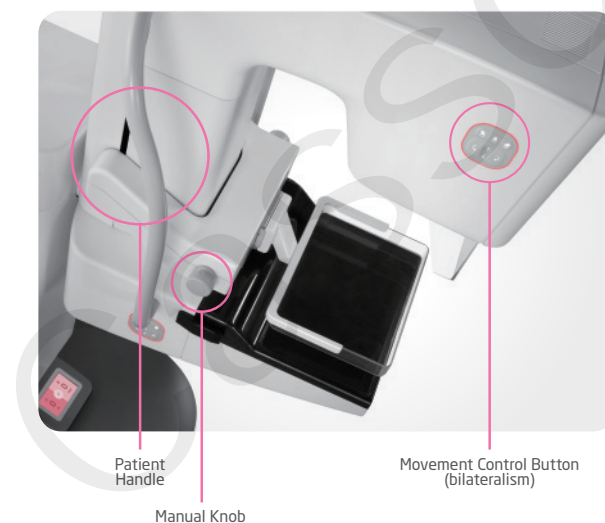
## Silicone Button

- Texture of silicone button provides better operating experience.
- From touch to seeing, all based on "without thought" design concept.
- Integrated design ensures the product waterproof and dustproof.
- Long product life cycle.



## Color Division

- Interactive partitions of the same color.
- Clear indication of touch areas.
- Clear indication of buttons in functional partitions.
- Highly efficient operation.



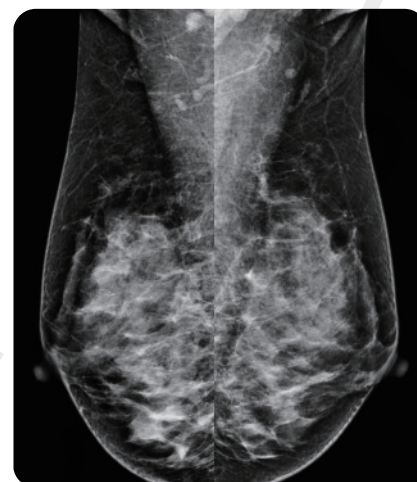
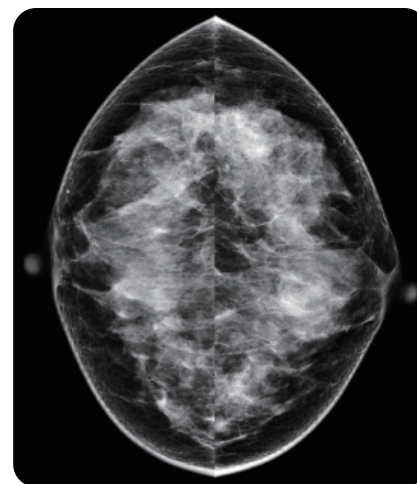
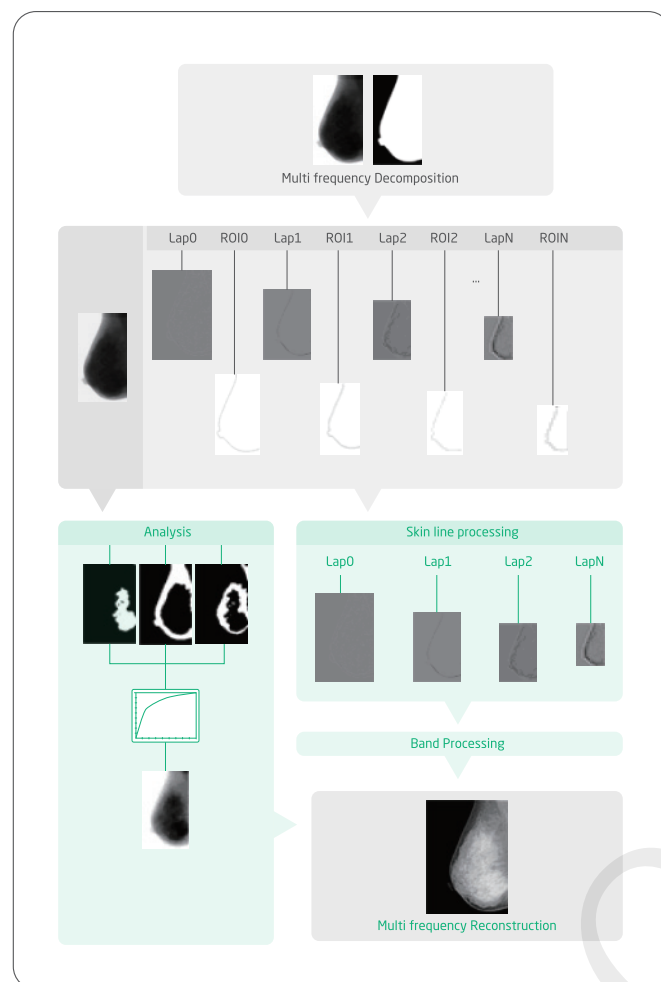
**WARM  
SENSATION**



# OPTIMIZED IMAGING PROCESS

## Smart Equilibrium Processing (S. E. P)

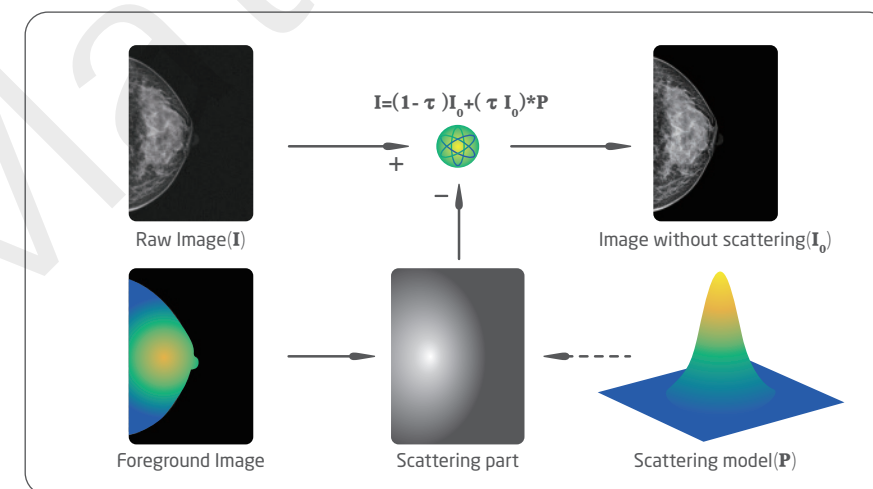
- Patented image processing technology.
- Multi-frequency and multi-scale image enhancement.
- Optimized image processing.
- Perfect display of image details.

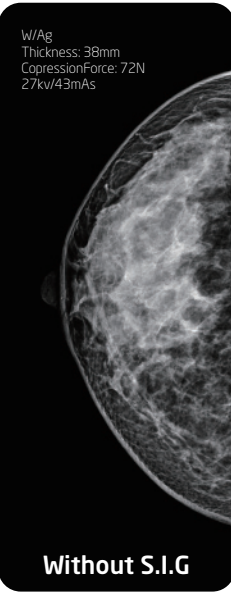


# LOW DOSE

## Super Intelligent Grid (S.I.G)

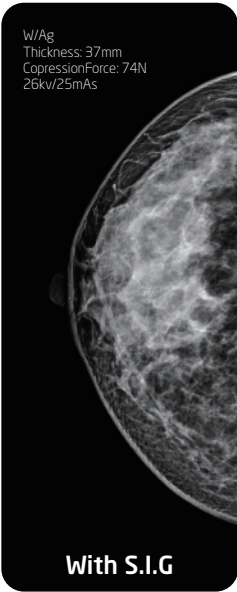
- Creative patented technology.
- Multi-scale scattering kernel method makes precise image correction.
- 30~50% lower dose without compromising image quality.
- Fulfilling Neusoft's "caring for you" concept through technology innovation.





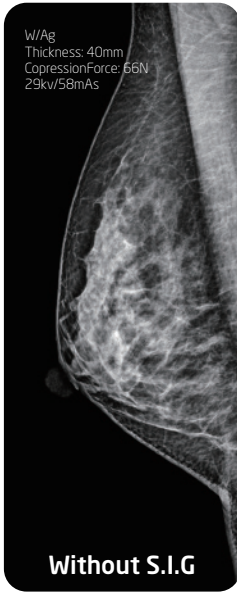
Without S.I.G

▲  
AGD:0.62mGy



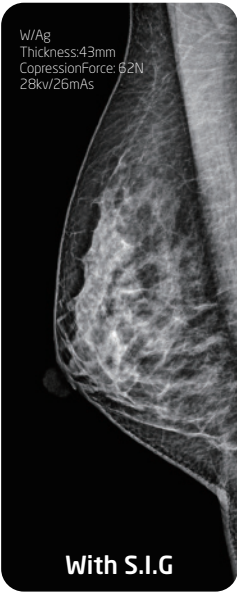
With S.I.G

▼  
AGD:0.34mGy



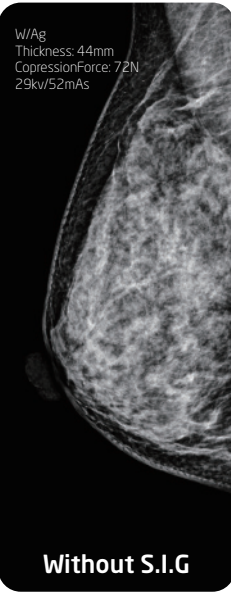
Without S.I.G

▲  
AGD:0.86mGy



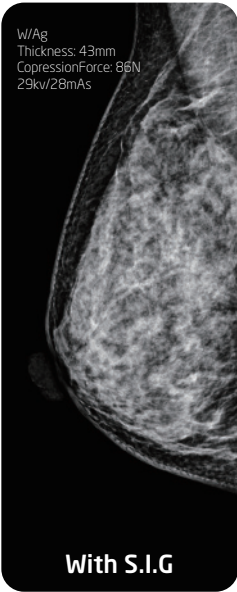
With S.I.G

▼  
AGD:0.39mGy



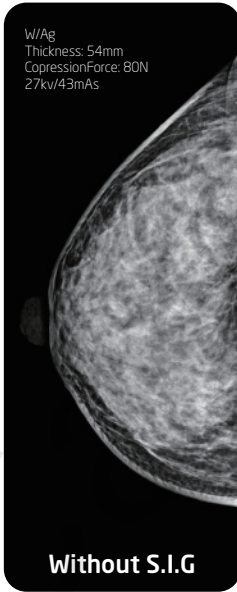
Without S.I.G

▲  
AGD:0.82mGy



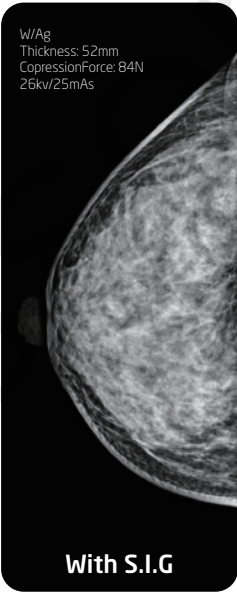
With S.I.G

▼  
AGD:0.45mGy



Without S.I.G

▲  
AGD:0.62mGy



With S.I.G

▼  
AGD:0.34mGy

# Tungsten Anode Technology

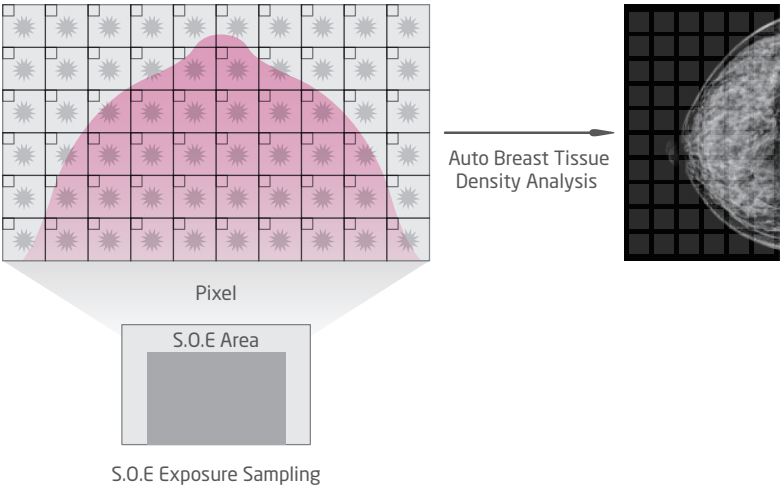
- Tungsten anode and filtration combined perfectly matches X-ray spectrum and flat panel detector.
- High energy X-ray with strong penetration greatly enhances imaging performance.
- 30~50% lower dose without compromising image quality, catering to the ever increasing low dose demand in patient care.
- Today's technology meets future technology trends.

# New Large Professional Amorphous Silicon FPD

- Large imaging area covers different breast sizes.
- Mild requirements for humidity and temperature.
- Super thin panel edge leads to more image information.
- Excellent DQE performance reduces dose effectively.

# Synthesis Optimal Exposure (S.O.E)

- Full detector field as automatic exposure control unit makes dose detection and feedback of X-ray more accurate.
- Based on different thickness and density of anatomical area, automatically choosing the optimized photography conditions and filtration mode.
- Low dose without compromising image quality.
- Three exposure modes are available:
  - Contrast priority exposure mode
  - Low dose priority exposure mode
  - Standard exposure mode





## 2-D Positioning System (Optional)



## Service and Logistics Support

### Neusoft Global Service & Logistics Network



### Support service, after the sales!

- Remote diagnostic capabilities that bring Neusoft expertise to you IMMEDIATELY, no matter where you are!
- Identifying and correcting problems PROACTIVELY, minimizing downtime and patient inconvenience.
- Global logistics network, prompt response regarding parts and supplies.

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\* N.A is not available.