

Caring for you

Contacts

Headquarters

Neusoft Medical Systems Co., Ltd.
No.177-1 Chuangxin Road, Hunnan District,
Shenyang, Liaoning, 110167, P. R. China
Email: zhang-dan@neusoft.com

Asia & Oceania

Neusoft Medical Systems Co., Ltd.
No.177-1 Chuangxin Road, Hunnan District,
Shenyang, Liaoning, 110167, P. R. China
Email: yanghw@neusoft.com

Africa

Neusoft Medical Systems (Africa) Co., Ltd.
D1, Ground Floor, Morningside Office Park,
Ngong Road, Nairobi, P. O. Box 22288
-00505, Kenya
Email: yu.xm@neusoft.com

Europe

Neusoft Medical Europe GmbH
Mergenthaler Allee 45
65760 Eschborn, Germany
Email: shanqh@neusoft.com

Middle East

Neusoft Medical (MENA) FZ- LLC
No. 705/706, Building 26, Al-Baker Building
Dubai Healthcare City, P.O.BOX 115321, UAE
Email: liuwanj@neusoft.com

North America

Neusoft Medical Systems, USA Inc.
14425 Torrey Chase Blvd, Suite 100
Houston, TX 77014, USA
Email: christopher.mchan@us.neusoft.com

South America

Neusoft Medical Peru S.A.C.
Calle Los Conquistadores
175a, San Isidro, Lima 27, Peru
Email: liuba@neusoft.com

medical.neusoft.com/en



NeuCare Mammo DR HD

Digital Mammography System

NeuCare Mammo DR HD/V 17.11

Neusoft[®] Medical Systems

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

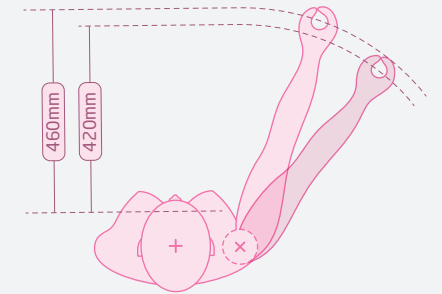
- Pink design gives the device a feminine ambience.
- Dynamic data display for much easier information access.
- Extraordinary human-machine interaction.
- Ergonomic screen design provides clearer vision.



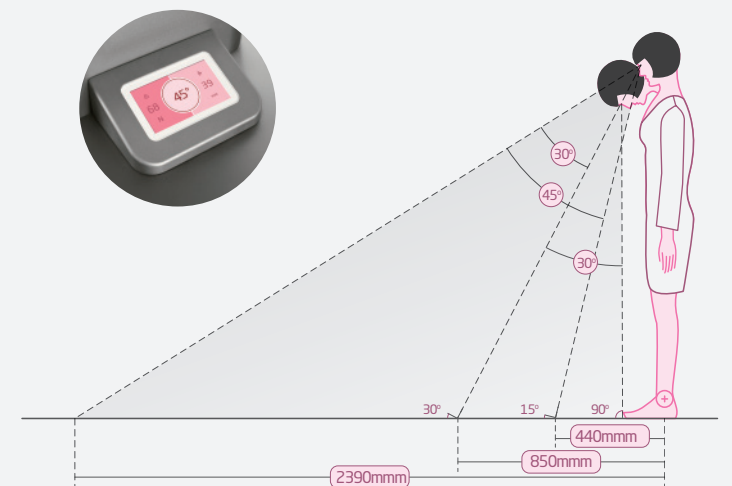


HUMANIZE CARE

- Ergonomics design provides comfortable experience for all the patients.



- 20 degree tilted screen provides better vision experience.



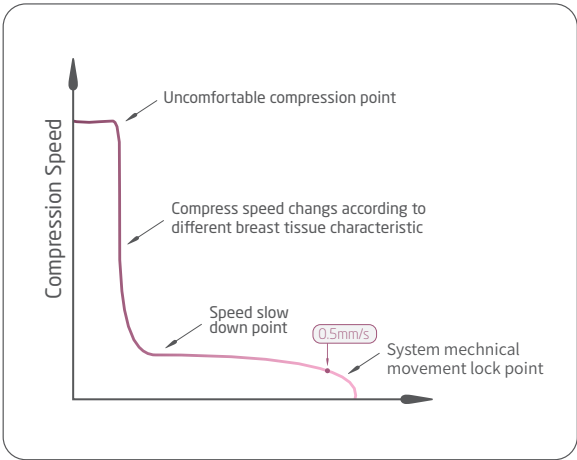
- The 18 degrees of cushioned bevel design increases security and safety for patients and technicians.





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.



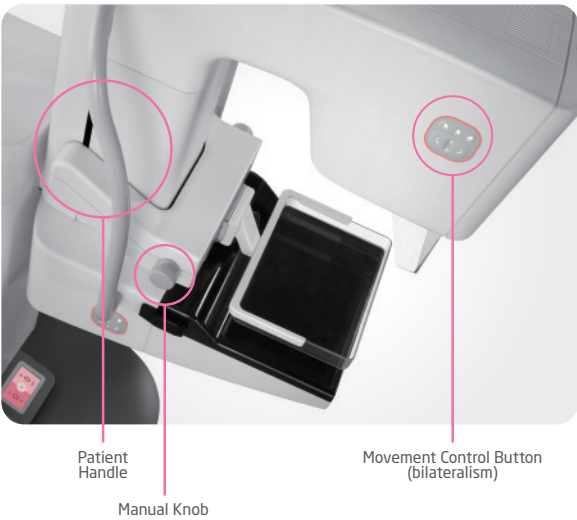
Silicone Button

- 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.

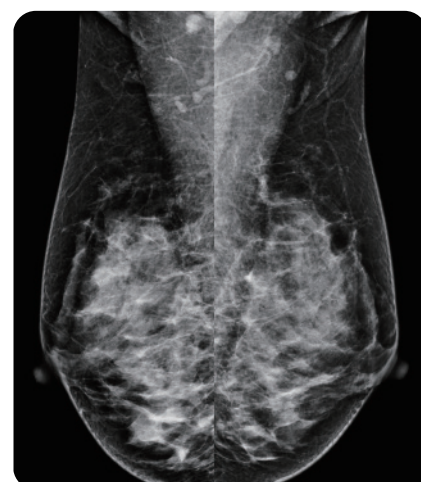
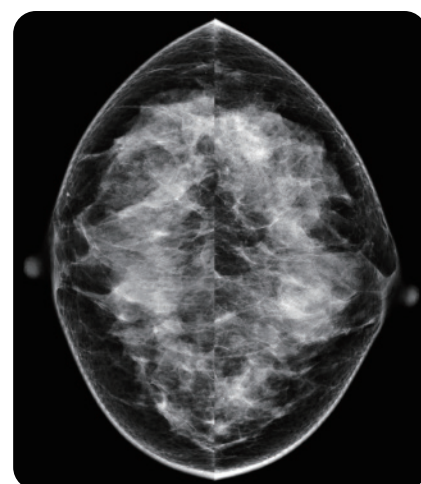
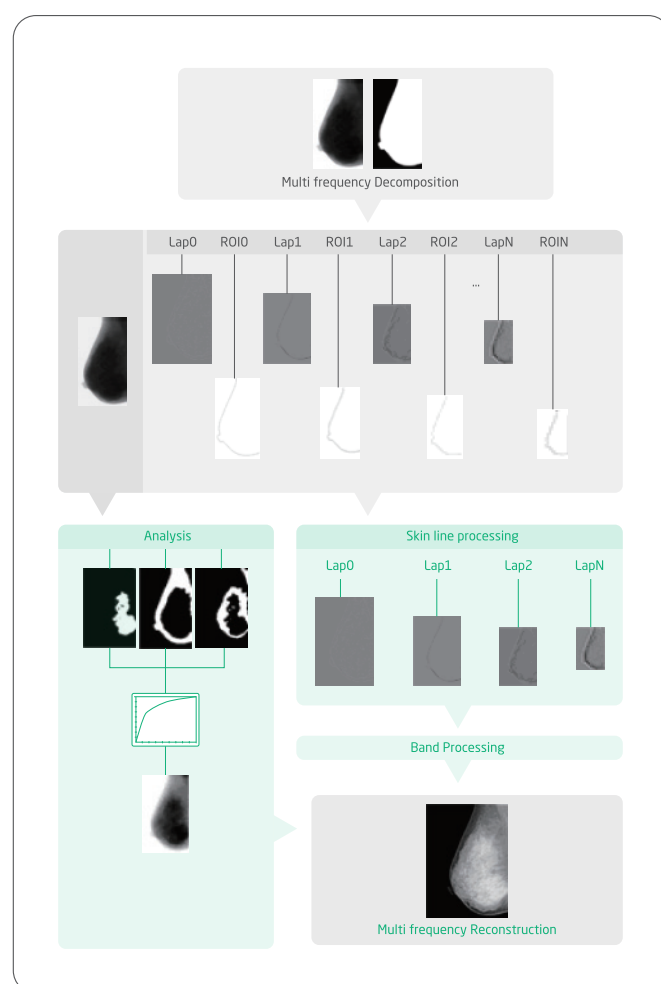


WARM
SENSATION

OPTIMIZED IMAGING PROCESS

Smart Equilibrium Processing (S. E. P)

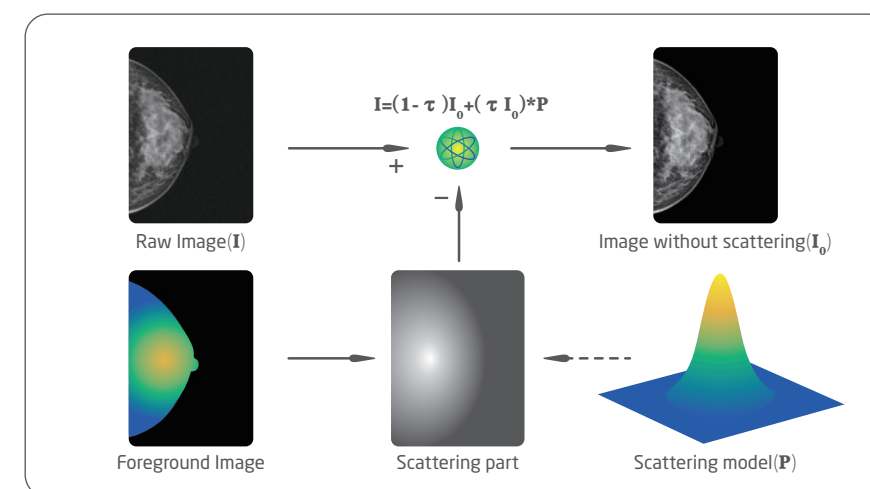
- Patented image processing technology.
- Multi-frequency and multi-scale image enhancement.
- Optimized image processing.
- Perfect display of image details.

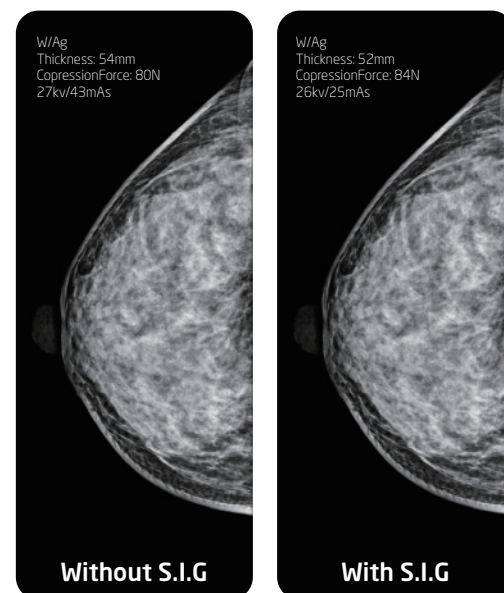
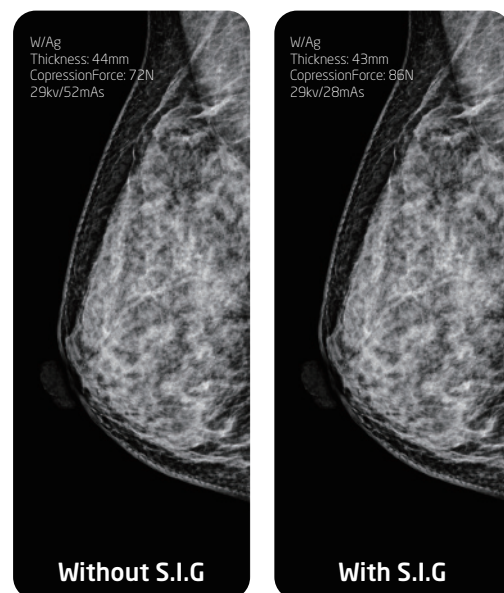
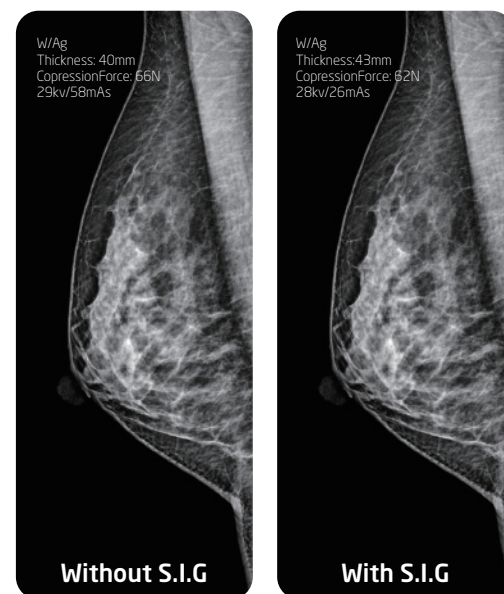
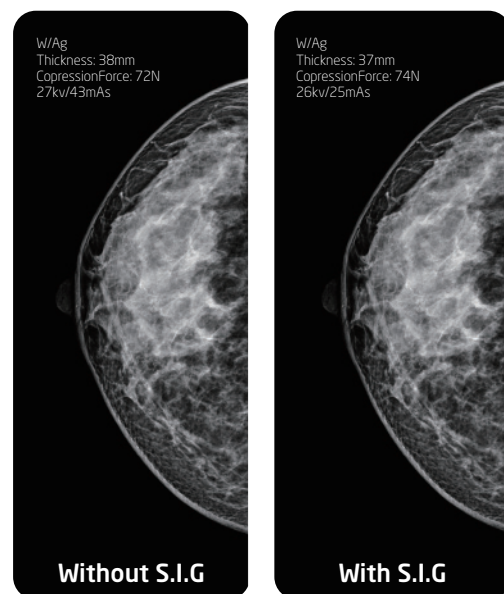


LOW DOSE

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.





Tungsten Anode Technology

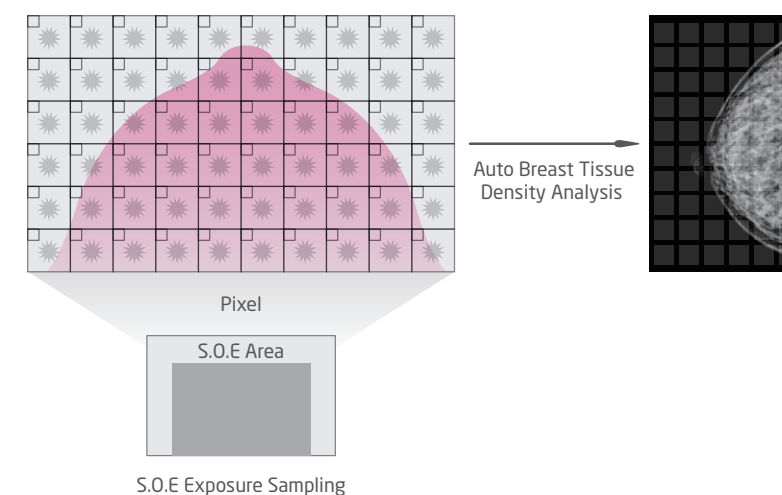
- Tungsten anode and filtration combined perfectly matches X-ray spectrum and flat panel detector.
- High energy X-ray with strong penetration greatly enhances imaging performance.
- 30~50% lower dose without compromising image quality, catering to the ever increasing low dose demand in patient care.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