

GE Healthcare



Alpha ST

optimized mammography



Alpha ST is the optimized choice for mammography

GE Healthcare's focus on mammography begins with a process of analyzing and understanding the key elements involved in breastcare, starting with clinicians and patients, and then focusing on the human touch that is required in the delicate field of breast imaging.

Alpha ST is the optimized mammography system both for basic and diagnostic use. It features a light C-arm, easy-to-use control panel, and the sophisticated automatic exposure control.

Alpha ST image quality is ensured by

- Powerful dual focus X-ray tube with tube currents 100 mA (lf) and 30 mA (sf).
- The Tuned High Frequency (THF) generator to optimize the working frequency.
- The Sychro Bucky to eliminate grid lines.

Ease of use

The extremely light C-arm of the Alpha ST and the motorized up and down movement and compression make positioning easy and non-tiring.

Clear control panel

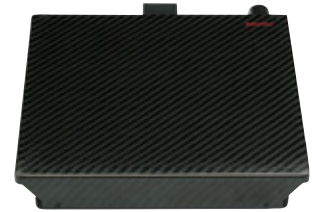
The Alpha ST control panel provides clear controls and indications of the chosen techniques.

The sophisticated phototimer

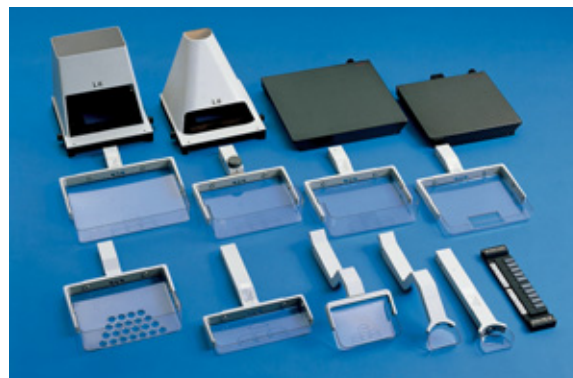
The advanced phototimer gives the right exposure in every situation. Unnecessary patient dose is prevented by Exposure Monitoring, which terminates the exposure in 0.05 seconds if a proper image cannot be achieved with the selected kV within the backup time.

User supervision

The automatic monitoring of user errors prevents unnecessary retakes and therefore reduces the patient dose and the total examination time.



The rounded bucky corners make the examination more comfortable.



A full range of accessories and options

The range of accessories and options available make Alpha ST versatile and always up to date. Different accessories attach to the Alpha ST easily and fast. The system automatically adjusts all imaging parameters for the new technique.

Alpha ST can be brought up to a top clinical system by installing the Alpha Stereo 4 stereotactic device.

Patient comfort

Essential to good clinical images is patient comfort. This is ensured in Alpha ST by its design:

- The compact size of the system appeals to the patient and makes it easy for her to find the right position.
- The proximity of the technician assures the patient.
- The rounded bucky corners make the examination more comfortable.



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GE Medical Systems, a General Electric company, going to market as GE Healthcare.

For more than 100 years, scientists and industry leaders have relied on General Electric for technology, services and productivity solutions. So no matter what challenges your healthcare system faces – you can always count on GE to help deliver the highest quality services and support.

For details, please contact your GE Healthcare representative today.

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GE imagination at work