

ASPIRE Cristalle

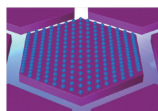
Built to perform.

The ASPIRE Cristalle digital mammography system with digital breast tomosynthesis delivers a better patient experience, superior diagnostic accuracy* for radiologists, with reliable, efficient workflow.



STANDARD FEATURES

Amorphous Selenium detector (aSe) with Hexagonal Close Pattern (HCP) detector pixel technology increases dose efficiency by 20% and displays at 50 microns.



The acquisition workstation includes a desk, protection shield, two 3MP monitors, mounts, and integrated exposure control pad with large exposure button.

Four paddles included one 24x30 high edge compression paddle, one 24x30 and one 18x24 patented Comfort Paddle, and one 18x30cm small breast paddle with AutoAlign.

Fast 4-second tomosynthesis acquisition and 15 second cycle times.

Intelligent Automatic Exposure Control (iAEC) and Image-based Spectrum Conversion (ISC)+ generate exceptional images at low doses for all breast types, including implants.

Dynamic Visualization II for mammography (DVII_m) provides improved contrast and density stability throughout the entire exposure region for improved visibility across the full range of breast compositions including implants.



Digital Breast Tomosynthesis (DBT) supports valuable, enhanced clinical efficacy compared to full field digital mammography (FFDM) alone.

Precise Enlargement software allows optimal display and magnification of images.

The One Shot Phantom QC Kit automates required weekly testing, performing ten QC tests with one exposure, saving technologists valuable time.



Retake Analysis includes the reason for image rejection coding, reason for reject, and other performance analyses, as per MQSA QC program requirements.

QA Region of Interest (ROI) measurement calculates mean *standard features* pixel values and standard deviation for physicist testing.

QA Ruler Measurement supports measurement between any two points of interest.

DICOM Worklist software connects the AWS to the RIS.

Workflow facilitators include one-touch mirrored positioning, one-click exam start, and automated workflow with co-registered 3D/2D set acquisitions.

Extended detector life with sleep mode, automatic startup and shutdown. Active Line Remote Monitoring allows you to prepare for and schedule downtime for routine maintenance.

Gantry mood lighting creates a more relaxing environment and indicates to the technologist that the system is on.

* Compared to 2D mammograms alone.

OPTIONAL FEATURES



Specialty paddles include diagnostic, magnification, spot, and more, to support additional views and varying patient positioning as required.

Wall-mounted paddle holders and equipment cabinets provide additional in-room storage.

Needle localization paddle and laser positioner improve guidance during 2D localization procedures.

The stereotactic unit can be used for 2D or 3D biopsy and needle localizations.



Customers have the ability to perform the biopsy with either a vertical or lateral approach. The DBI biopsy chair is also available.

Fujifilm's Iterative Super-Resolution Reconstruction (ISR) reduces granularity in the slice images and "out of plane" blurring artifacts.

S-View with ISR further reduce dose, generating a synthetic 2D image without increasing the 3D exam dose.

Software capabilities include Referral Viewing, DICOM Print, Print Layout, Synapse RIS connect, Media Storage, PDI Storage, DICOM Commitment, and DICOM Modality Performed Procedure Step to support varying site requirements.

Tethered foot peddle or hand-held exposure button accommodate the technologist's preference.



Comfort pads for placement around the detector create softer detector edges for patients.

Under-carriage hand grips assist patient stabilization during exams.

The tomo comfort face guard



is designed to remain stationary during a tomosynthesis sweep, reducing the likelihood of patient movement.

Additional QC tools include alternative FFDM phantom and digital compression scale.

Decorative gantry decals contributes to a calming exam environment.



Software options support a wide range of facility needs.

ASPIRE Bellus II is a mammography reporting workstation with multimodality support.

