

Specimen Radiography System

Rapid verification of breast biopsy cores at the point of care



Save time

Biopsy specimens can be imaged and verified in seconds, at the point of care, allowing for a significantly shorter procedure.

Seamless workflow

The workflow supports standalone operation as well as fully integrated configuration with RIS and PACS. Patient details can be loaded directly from a DICOM modality worklist and images sent automatically to PACS for storage or review.



Peace of mind

Features such as safety interlocks, self test on start-up and confirmation that images have been saved, give users added piece of mind. An integrated queue system ensures that images are not lost in the event of network failure.

Traceable

DICOM compliant imaging software ensures traceability to patient and a record of care.

Technical Specifications

Source & Detector:

- Energy range: 21-25 KV.
- Tube operating current: 1 mA maximum
- System resolution: 10 lp/mm nominal
- Imaging area: 7 x 5 cm nominal
- Magnification factor: 1.1 (fixed)

Environmental:

- Indoor use
- Operating temperature: +15°C to +35°C
- Storage temperature: -10°C to +70 °C
- Maximum relative humidity 80% up to 31 °C

Safety:

- Compliant with applicable standards
- Integrated shielding
- Interlocked door, emergency stop, key-switch disable
- X-ray on indicators, KV and mA displayed
- Built in self-tests on start up

Input:

- Supply voltage: 90-250 VAC, 50/60 Hz, 500 VA

Designed and manufactured in N. Ireland (UK).

The ASPIRE SR system comes with a medical grade touch screen PC, Microsoft Windows 10 IoT Enterprise version, pre-loaded application software and electronic user manuals in a wide range of languages.

ASPIRE SR is manufactured by

