

CoreLite[®]

SPECIMEN RADIOGRAPHY SYSTEM

Rapid verification of
breast biopsy cores
at the point of care



- Shorter Procedure Time
- Higher Clinical Throughput
- Reduced Stress & Anxiety
- Improved Patient Care
- User Friendly & Ready to Use

Supporting the highest standards in patient care

Delivering the same high quality procedure in less time.

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 a 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 peace of mind. An integrated queue system ensures that images are not lost in the event of a network failure.

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

Excellent Image Quality – Resolution and enhanced image processing ensures even fine microcalcifications can be seen.



Key Features

Compact and self-contained

Can fully resolve all features of the ACR Stereotactic Phantom

High Speed Imaging

High Resolution Imaging



Dicom Based Image Store

Connectivity to RIS and PACS

Barcode Reader available

Comprehensive safety interlocks

Weight: 27kg

External Cabinet Dimensions: (H) 41cm x (D) 32cm x (W) 42cm

Technical Specifications

Source & Detector:

- Energy range: (KV range) 21-25KV.
- Tube operating current: Max (1mA)
- System resolution: (10 lp/mm)
- Detector Size: (field of view) (7cm x 5cm)
- Magnification factor: 1.1 (fixed)
- AEC

Environmental:

- Indoor use
- Operating temperature: 15°C to 35°C
- Storage temperature: -10°C to 70 °C
- Maximum relative humidity 80 % for temperatures 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, 50/60Hz, 500VA



CoreLite[®] comes with its own dedicated PC and software.

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



About Cirdan

Cirdan was founded with the aim of developing medical devices that help to accelerate and enhance the diagnosis of patients. The company operates globally with its head office in Lisburn, (UK & Ireland) and has further offices in Canada and Australia. The distribution of our offices allows Cirdan to offer a full 24/7/365 support service to customers around the world.



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