



CIRDAN

Improving Wellbeing Through Innovation

SOLAS[®] OR

SPECIMEN RADIOGRAPHY SYSTEM

Solas OR is a dedicated X-ray specimen cabinet designed for surgical and biopsy suites, providing high image quality, streamlined workflow and reduced procedure times.



- Incorporates Cirdan's latest imaging technology to provide rapid image capture of quality specimen images with high contrast levels, excellent definition and clear views of micro calcifications and lesions.
- New web-based software delivers seamless workflows and ease of navigation, with 5 clicks from case open to export.
- Large field of view for easy imaging, plus magnification for small specimens.
- Simple annotations via mouse or touch screen capability.
- Affordable single compact unit for ease of transportation and storage.

Supporting the highest standards in Patient Care

Solas OR is the latest in our family of innovative X-Ray breast specimen examination systems, optimized for surgical operating rooms.

Why Solas OR?

Innovation is at the heart of Cirdan and we are committed to improving the treatment of breast cancer and helping surgeons reduce readmission rates by providing rapid and accurate imaging at the point of care for both core biopsy and surgical specimens.

Excellent image quality - the latest Cirdan imaging technology delivers images with high levels of detail, definition and contrast.

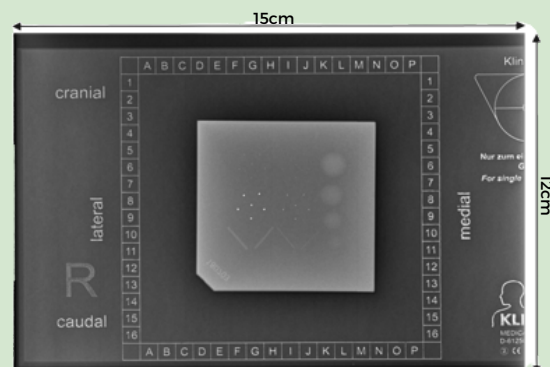
Save time - specimens are imaged and verified directly in OR via a simple and intuitive 5-click workflow from start to finish.

Large field of view - 15cm x 12cm.

Geometric Magnification Levels - allows smaller samples such as core biopsy samples to be imaged at higher magnification (reduced FOV) giving the unit a dual-purpose use.

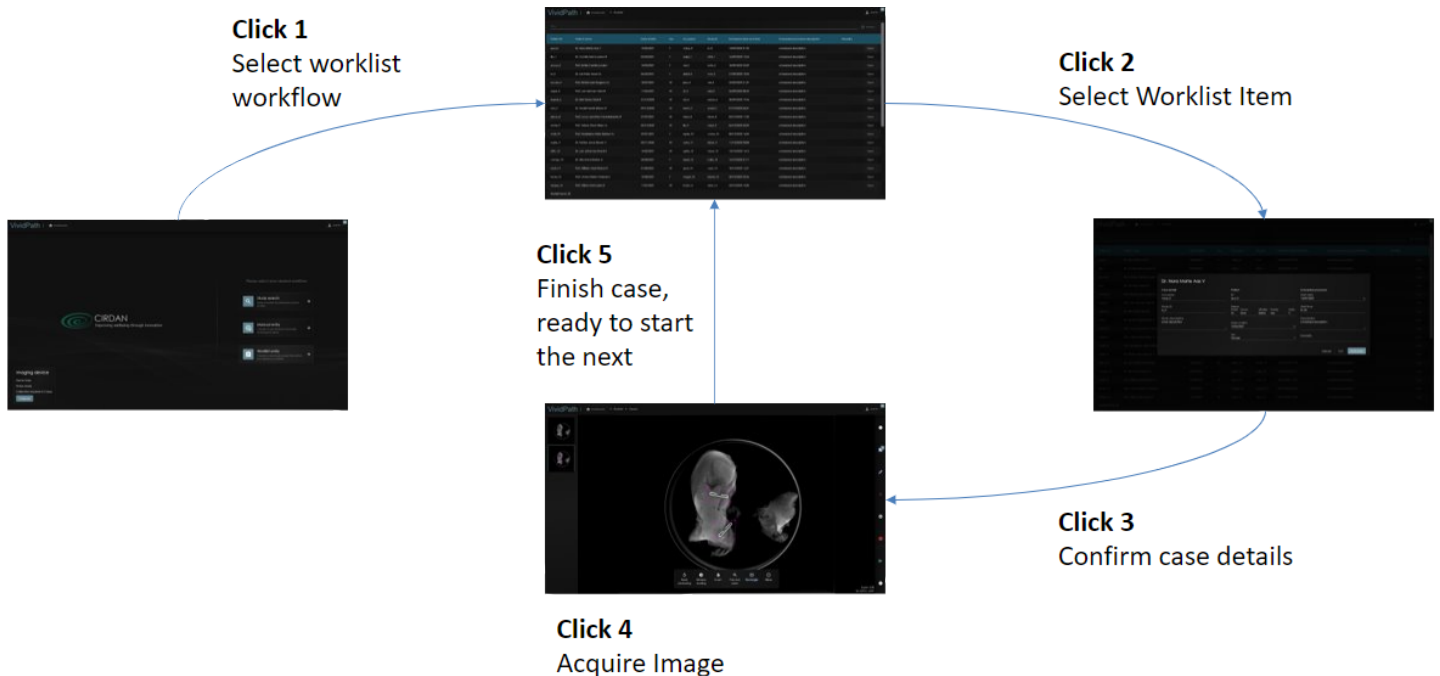
Security - features safety interlocks, self-test on start-up and confirmation of images being saved.

Traceability - DICOM compliant imaging software ensures traceability of images to patient and care records.



Solas OR Software Features

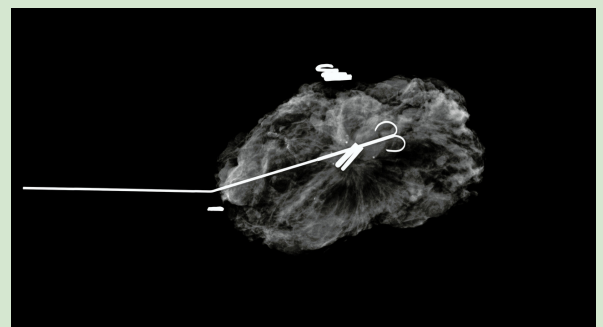
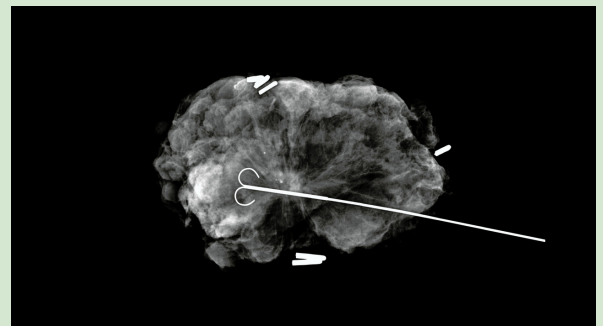
The latest software used with Solas OR has been designed specifically to help improve workflows by providing a simple, secure, and scalable solution with a 4-step workflow.



Solas OR Image Features

Solas incorporates Cirdan's latest photon counting and tilt technology to produce images with high levels of detail and contrast, giving the surgeon high quality images at the point of care meaning less time in the OR environment for the patient.

- High quality specimen images.
- High contrast images providing excellent definition and clear views of micro calcifications and lesions.
- Optical and digital magnification.
- High resolution 10lp/mm.
- Effective pixel 50um.
- Mark annotations (rectangular and elliptical).



Technical Specifications

Source & Detector:

- Energy range: (KV range) 20-40KV
- System resolution: (10 lp/mm)
- Detector Size: (field of view) (15cm x 12cm)
- Magnification factor: x 1.5, x 2.0

Environmental:

- Indoor use
- Operating temperature: 15°C to 35°C
- Storage temperature: -10°C to 60 °C
- Maximum relative humidity 80 % for temperatures up to 31 °C

Supplied with Microsoft Windows 10 medical grade
22 inch touch screen all in one PC.

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

Dimensions and Weight:

System with Trolley

- 155cm (H) x 58cm (W) x 68cm (D)
- 130kg

Cabinet Only

- 67cm (H) x 42cm (W) x 54cm (D)
- 75kg



About Cirdan

Cirdan is a leading provider of laboratory informatics software and imaging solutions that enhance and speed up patient diagnosis. Headquartered in Northern Ireland, with offices in Canada and Australia, Cirdan is the largest digital pathology company in the UK and recognised as one of the leading suppliers worldwide.



The company's distribution of offices allows Cirdan to offer a full 24/7/365 support service to customers around the world.

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