



# CIRDAN

Improving Wellbeing Through Innovation

## SOLAS<sup>®</sup> OR XL

SPECIMEN RADIOGRAPHY SYSTEM

Solas OR XL is a dedicated X-ray specimen cabinet designed for the laboratory, providing high image quality, streamlined workflows and reduced specimen turnaround times.



Solas OR XL delivers performance, ease of use and affordability:

- Rapidly capturing high quality specimen images using the latest photon counting technology.
- 4 easy steps from case start to finish, requiring minimal training and preparation.
- Save time in the lab by streamlining workflows and improving specimen turnaround time.
- Enable collaboration and remote review of cases using our latest web-based software.
- Low total cost of ownership; budget friendly capital purchase.

Supporting the highest standards in patient care

## Solas OR XL is the latest in our family of X-Ray specimen cabinets, optimized for the pathology lab

### Why Solas OR XL?

Innovation is at the heart of Cirdan and we are committed to helping laboratory and clinical staff reduce turnaround times for patient specimens by providing rapid and accurate imaging for large and small biopsy samples.

**Excellent image quality** - Unique in specimen radiography by utilising the latest direct-detection, photon counting technology to deliver images rapidly with high levels of detail, definition and contrast, with clear views of microcalcifications and markers on areas of interest for sampling.

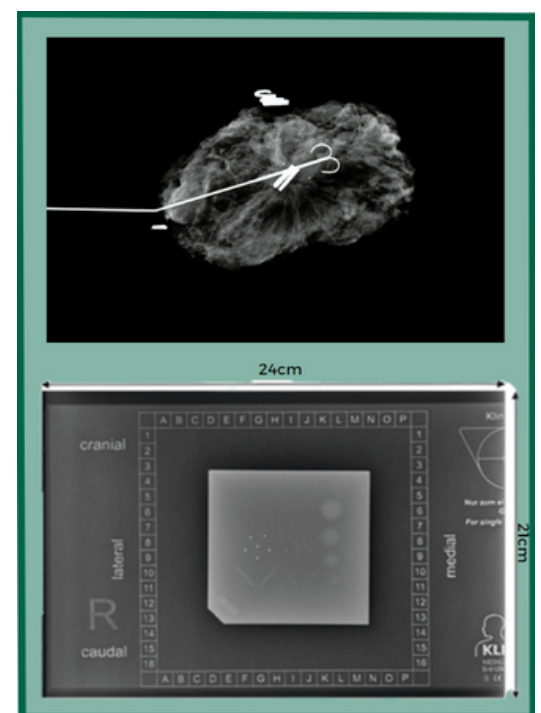
**Save time** - Specimens are imaged and verified directly via a simple and intuitive 4 step workflow from start to finish.

**Geometric magnification levels** - Allows smaller samples (e.g. core biopsy samples) to be imaged at higher magnification (reduced FOV) giving the unit a dual-purpose use.

**Security** - Designed with a focus on cybersecurity, Cirdan is committed to protecting patient data and maintaining the integrity and availability of our products.

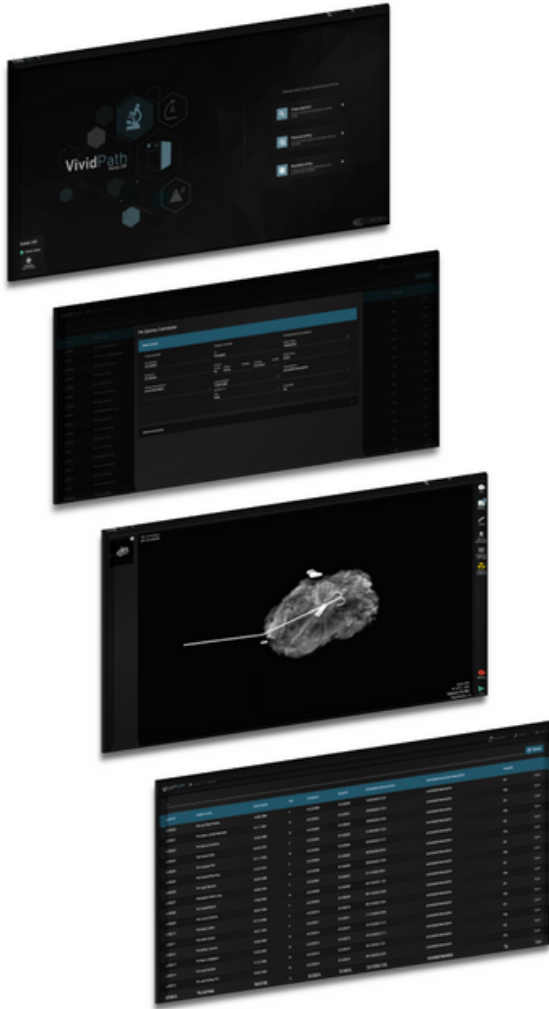
**Traceability** - DICOM compliant imaging software ensures traceability of images to patient and care records.

**Large imaging area** - 24cm x 21cm (nominal), for easy imaging, plus magnification for small specimens.



## Solas OR XL Software Features

Delivering seamless workflows with our new web-based software. With 4 steps from case open to save, as well as image annotations via mouse or touch screen capability. Solas OR XL has been designed specifically to improve workflows by providing a simple, secure, and scalable solution for your lab.



1. Home screen: start



2. Select worklist case



3. Acquire images



4. Finish case: send to PACS



## Benefits of Web-Based Software

Our new web-based software brings a range of benefits to your lab, including:

- **Ease of access:** Enhances collaboration through remotely access of case images from anywhere, any time.
- **Portability:** Access software on laptop, tablets, or PC.
- **Centralised management:** Configure & maintain multiple devices in one place.



See our software  
in action here!



## Technical Specifications

### Source & Detector:

- Energy range: 20-40KV
- System resolution: 5lp/mm nominal
- Imaging Area: 24cm x 21cm (nominal)

### Environmental:

- Indoor use
- Operating temperature: +15°C to a max. of +35°C
- Storage temperature: -10°C to +60 °C
- Maximum relative humidity 80 % up to 31 °C

Supplied with Microsoft Windows medical grade 22 inch touch screen HD monitor or 24 inch 4K UHD monitor, 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 (Nominal):

#### System with Trolley

- 155cm (H) x 58cm (W) x 68cm (D), 125kg

#### 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.

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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Solas OR<sup>®</sup> is a European registered trademark of Cirdan Imaging Ltd.

Solas OR<sup>®</sup> is designed and manufactured in N. Ireland (UK)

