



Surgical Specimen Radiography System



**Immediate
verification of
excised breast
tissue margins.**

BioVision provides you
a truly in-depth look -
a better view - inside
the tissue with the very
highest image quality.

Raise the standard of care
to new levels for patients
undergoing surgical excision
or core biopsy procedures.

faxitron®

daax

The exclusive Faxitron distributor for the UK and Ireland

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Faxitron's BioVision system allows you to save time in theatre by x-raying the specimen intra-operatively. The image can be sent to radiology via PACS while the specimen is sent directly to pathology.

Features & Benefits

No specialised x-ray knowledge needed

The BioVision system, certified safe for public use, is powered up with a single button for ease-of-use and the transparent specimen window ensures proper alignment.

Minimal intrusion in point of care environment

BioVision has a small footprint and requires no additional x-ray shielding, with all hardware components built into a mobile system to ensure hardware integrity and personal safety both during and after transport. No re-calibration or restarting is required after transport and the unit plugs into any A/C outlet or can operate for more than three hours on battery backup.

Automatic Exposure Control (AEC)

One button operation with AEC, optimized for breast excisions and core biopsies, guarantees optimal image quality. BioVision includes automatic calibration and self-diagnostic capability to ensure a successful biopsy procedure can be instantly confirmed.

Infection control

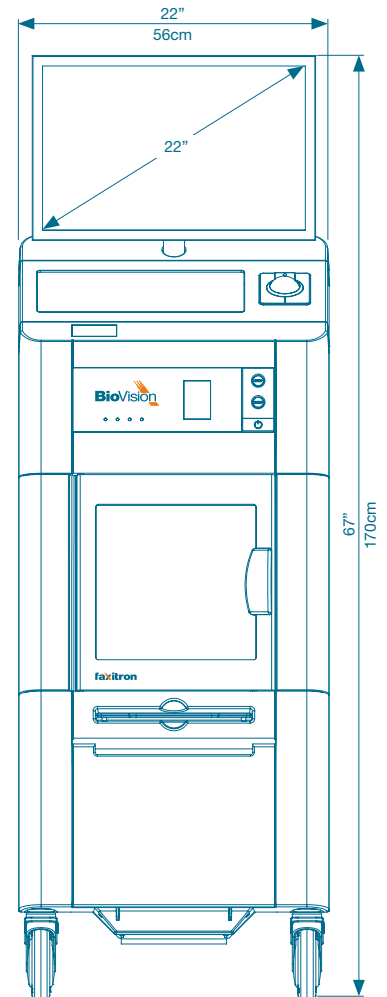
Single continuous surface keyboard for effective cleaning and disinfection.

Leading-edge image processing

Our software guarantees peripheral equalization and calcification enhancement, with images instantaneously displayed on a 22" high resolution 2.3MP monitor. The magnification shelf, with field of view guides and automatic position detection, provides for two geometric magnifications with accurate measurements at both levels.

Easy access to modality work list

Multiple annotated images can be sent to PACS store and printed at the touch of a button with DICOM compliant software. BioVision also includes remote diagnostic and support over the web.



Specifications

Specimen imaging area	10cm x 15cm (4" x 6")
Spatial resolution	10lp/mm (48µm), contact mode
Geometric magnification	1.4X , 2X (up to 20lp/mm)
Energy range	20 - 40kV
Tube current	1.5mA
Focal spot size, nominal	50µm
Window filtration	0.125mm Be, tungsten source
DICOM interface	Store, Annotate, Print & Modality Work List
Power	120VAC 200W Max / 240VAC 400W Max
Dimensions	22"W x 23"D x 67"H (56cm x 57cm x 170cm)
Weight	200lbs (90kg)