



BIOPTICS
PIONEERING DIGITAL MAMMOGRAPHY



BIO
VISION

Digital specimen radiography system

*Immediate verification of
excised breast tissue margins*

Bioptics **BIOVISION** raises to new heights the standard of care for patients undergoing surgical excision or core biopsy procedures. Save time in the OR by x-raying the specimen intra-operatively. The image can be sent to mammography via PACS while the specimen is sent directly to pathology.

BIO VISION

Digital specimen radiography system

FEATURES

- Instant confirmation of a successful breast excision or biopsy procedure
- Plugs into any A/C outlet or can operate stand alone for greater than 3 hours on battery backup
- AEC optimized for breast excisions and core biopsies
- One button operation with Automatic Exposure Control (AEC)
- DICOM compliant with efficient access to modality work list and PACS Store and Print options
- Auto magnification tray detect and display for error-free operation
- Touch screen operation for the ultimate in convenience
- Designed for easy cleaning and sterilization
- Self reimbursing with saved OR time
- No specialized X-ray knowledge needed to operate the system
- Transparent specimen window ensures proper alignment
- Leading edge Image Processing software including Peripheral Equilization and Calcification enhancement
- Ability to send multiple annotated images to PACS at a touch of a button
- Automatic Calibration and self diagnostic capability
- Compact and portable design
- No X-ray shielding required
- Remote diagnostic and support over the Web

SPECIFICATIONS

- 10 lp/mm (50 microns) in contact mode
- > 16 lp/mm (30 microns) in 2.0 magnification mode
- Geometric Magnification Options = 1:1, 1.4:1, 2:1
- Imaging area options include 10cm x 15cm (4" x 6") and 12cm x 18cm (4.5" x 7")
- Energy Range: 5 kV to 45 kV
- Tungsten source with 0.125 mm Beryllium filtration
- Tube Current: 1.5 mA
- Focal Spot Size: 50 µm nominal (35 µm optional)
- DICOM Interface: Store, Annotate, Print & Modality Work list
- Power: 120VAC 200W Max 240VAC 400W Max
- Size: 55cm (W) x 48cm (D) x 174cm (H) (22" x 19" x 68")
- Weight: 90Kg (200lbs)

SPECIMEN IMAGING AREAS

BIOVISION-10x15	10cm x 15cm (4" x 6")
BIOVISION-12x18	12cm x 18cm (4.5" x 7")



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3440 E Britannia Drive, Suite 150
Tucson, Arizona 85706 USA

Tel: +1-520-399-8180

Fax: +1-520-399-8182

Email: sales@bioptics-inc.com

www.bioptics-inc.com

