



BIOPTICS
PIONEERING DIGITAL MAMMOGRAPHY



PIXARRAY100

Digital specimen radiography system

*Immediate verification of
excised breast tissue margins*

Bioptics **PIXARRAY** enhances the standard of care for patients undergoing surgical excision or core biopsy procedures. A completely mobile imaging unit designed to save time in the Operating Theatre which offers an automatic one-touch button operation and three high resolution imaging options.

PIXARRAY100

Digital specimen radiography system

FEATURES

- Instant confirmation of a successful breast excision or biopsy procedure
- Self reimbursing with saved OR time
- One button operation with Automatic Exposure Control (AEC)
- No specialized X-ray knowledge needed to operate the system
- AEC optimized for breast excisions and core biopsies
- Transparent specimen window ensures proper alignment
- Leading edge Peripheral and Calcification enhancement software
- Ability to send multiple annotated images to PACS at a touch of a button
- DICOM compliant with efficient access to modality work list
- Automatic Calibration and self diagnostic capability
- Compact and portable design
- No X-ray shielding required
- Standard 18cm x 24cm mammo cassette slot provides film archival option
- Auto film-detect feature for error-free operation
- Remote diagnostic and support over the Web
- Plugs into any A/C outlet

SPECIFICATIONS

- 10 lp.mm (50 microns) in contact mode >14lp/mm (36 microns) in 1.4 magnification mode
- Imaging area options 7.5cm x 10cm (3" x 4") to 15cm x 10cm (6" x 4")
- Energy Range: 5 kV to 45 kV
- Tungsten source with 0.2 mm Beryllium filtration
- Tube Current: 1 mA
- Focal Spot Size: 50 μ m nominal
- X-Ray Coverage: 19.0 cm (7.5") diameter
- Film Imaging: 18 cm x 24 cm film cassette
- DICOM Interface: Store, Annotate, Print & Modality Work list
- Power: 300 VA
- Size (without cart): 38 cm (W) x 41 cm (D) x 66 cm (H)
- Weight: 29 Kg (65 lbs)
- Total footprint with cart 38cm x 41cm x 165cm (1.25' x 1.35' x 5.4')

SPECIMEN IMAGING AREAS

PIXARRAY 100K 7.5cm x 10cm

PIXARRAY 100Q 10cm x 10cm

PIXARRAY 100H 10cm x 15cm



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