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For ease of operation and image detail in specimen radiography, the XPERT 40™ is the answer. This self-contained, shielded cabinet X-ray system is designed to meet imaging requirements for surgically excised tissue and stereotactic biopsies. The XPERT 40™ eliminates scheduling conflicts in Mammography and reduces time in Surgery for intra-operative imaging of specimens. The XPERT 40™ also has applications in Pathology for inspection of tissue specimens and wax blocks.

The XPERT 40™ provides high resolution, high contrast, X-ray images, using either radiographic film, CR, or the DIGIVIEW™ line of digital detectors up to 8 x 8 inches (20 cm x 20 cm) in size. A small focal spot x-ray source and adjustable sample positioning provides the XPERT 40™ with up to 5X magnification increasing visibility and detail of the smallest abnormalities. An x-ray source of up to 50kV and 1.0 mA provides easy penetration and eliminates the concerns of imaging dense surgical tissue in any specimen container.

The XPERT 40™ has zero warm up time, AEC (automatic exposure control), auto-calibration, and the ability to send multiple images, with annotations, to PACS. Included with the standard DICOM compliant feature-rich software is a 3D filter that adds a sharpness of detail for locating micro-calcifications or minute variations and subtle changes in density. The touch screen monitor and mobile cart option make the XPERT 40™ an easily maneuverable and user friendly unit offering the flexibility to meet the demands of every application.

When the demands are for versatility and high resolution imaging, look to the XPERT 40™ from KUBTEC, **The Leader in Digital Specimen Radiography Systems.**

With its complete shielding and other required radiation safety features, the XPERT 40™ is in full compliance with US Federal and State requirements for radiation safety.



applications

Digital radiography of stereotactic cores and intra-operative imaging of excised tissue

features

- AEC based fully automated digital imaging with manual option included
- Automatic calibration with zero warm up time
- Ability to send multiple images to PACS with annotations
- Up to 5X geometric magnification
- Dedicated 3D imaging filter for enhanced visibility of micro-calcifications

specifications

- Energy Range: 10-50 kV
- Tube Current: Up to 1.0 mA
- Window Filtration: 0.005" beryllium
- Film Coverage: 10" x 12"
- Power: 90-250 VAC, 50/60 Hz, 500VA
- Size: 23"w x 23"d x 50"h
- Weight: 250 lbs.

Specifications are subject to change without notice

available detector sizes

All systems come with 16 bit contrast resolution and DICOM compliant software

- 5 cm X 5 cm (2" x 2")
- 5 cm X 10 cm (2" x 4")
- 10 cm X 10 cm (4" x 4")
- 20 cm x 20 cm (8" x 8")

