



# XPERT 160

270 Rowe Avenue  
Unit E  
Milford, CT 06460

KUBTEC's XPERT 160, for large area imaging, is a multi-purpose cabinet x-ray system bringing high quality medical-grade imaging and ease of use to applications in scientific research, pathology and industry.

**Tel:** [203] 364.8544  
**Fax:** [203] 255.7494  
kubtec@kubtec.com

A small focal spot with an x-ray source of 160kV and up to 4500 watts offers brighter images with higher contrast so that small details and subtle variations are clearly visible. Optional sources are also available for micro-focus and soft x-ray applications. The XPERT 160 supports digital detector sizes up to 16" x 16" (400 mm x 400 mm) for viewing of larger specimens in a single image. The high-contrast 16 bit detectors along with KUBTEC's suite of user-friendly image analysis software provide multiple frames of information in one image, in seconds. An image can be acquired, measured precisely, areas of interest located, annotated and saved in multiple formats, minimizing a specimen's exposure to radiation.

[www.kubtec.com](http://www.kubtec.com)

The XPERT 160's self-contained cabinet has an interior chamber with the capacity to introduce anesthesia and cables for monitoring devices through multiple portals. Fans integrated into the system dissipate heat and ventilate the chamber. The touch screen interface, mobile platform, and standard AC power requirement allow the XPERT 160 to be conveniently located and operated in most environments. Completely shielded, the XPERT 160 is fully compliant with International and U.S. Federal requirements for radiation safety.





## applications

Analog and Digital Radiography and Irradiation for Science, Research, and Industry

270 Rowe Avenue, Unit E  
Milford, CT 06460

Tel: [203] 364.8544  
Fax: [203] 255.7494  
kubtec@kubtec.com

www.kubtec.com

## features

- AEC based fully automated digital imaging with manual option included
- Automatic calibration with fast zero warm up time
- Stainless steel interior with multiple portals and vent fans
- Up to 5X geometric magnification
- Mobile platform for easy transportation

## specifications

- Energy Range: 10-160 kV
- Tube Current: Up to 4500 watts
- Window Filtration: 0.005" beryllium
- Power: 90-250 VAC, 50/60 Hz, 500VA
- Overall Dimensions: 48"w x 40"d x 72"h
- Imaging Chamber: 30"w x 30"d x 40"h
- Weight: 4200 lbs (1905 kg)

*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")
- 40 cm x 40 cm (16" x 16")

*Analog and CR Cassette based systems also available*



www.kubtec.com

KUBTEC is a registered trademark of KUB Technologies, Inc.  
All XPERT systems comply with standards set by U.S. Food and Drug Administration Center for Devices and Radiological Health, (21 CFR-1020.40) and the Canadian Radiation Emitting Devices Act. Further, all systems carry the CE mark.

M1069A-0612