

When you need superior imaging for detailed analysis and investigation.



## The XPERT® 80 & 80L Cabinet X-ray Systems



Kubtec® digital X-ray systems are designed for the research lab, forensic analysis, product development, and QC/QA procedures. Rapid image acquisition and a robust software suite for comprehensive image analysis bring detail and efficiency to every operation. Kubtec offers the broadest range of features available in cabinet X-ray systems.

### **XPERT 80 & 80-L System Features:**

- Detector sizes up to 17 x 17 (43 x 43 cm)
- Detector resolutions as low as 48 micron
- Powerful user-friendly image analysis tools
- Micro-focus X-ray sources up to 130 kV (5 micron focal spot, >100 lp/mm)
- 12X magnification tray provides >100lp/mm resolution images for ex vivo and seed imaging
- Dedicated high-resolution filters for extraordinary detail
- Ability to save annotated images in multiple formats
- Optional high resolution optical camera for side-by-side comparisons with X-ray images
- Mobile system for easy transport
- Ports to introduce anesthesia for in-vivo imaging or to place monitoring devices
- Lighted stainless steel interior for easy maintenance
- Counting (seeds and other objects), BMD, and Body Composition software packages available

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# The XPERT® 80 & 80L

## Cabinet X-ray Systems

Matchless image quality from Kubtec lets you see the greatest detail and the smallest anomalies in seconds. With our powerful image enhancement tools, areas of interest can be noted, measured, and enhanced for comprehensive analysis in any application.

Specifications	XPERT 80 System	XPERT 80-L System
Energy Range	10-50 kV/90 kV/100 kV	10-50 kV/90 kV/100 kV/130 kV
Tube Current	1.0mA/0.18mA/0.3mA	0.18mA/0.5mA
Focal Spot	50 µm/5 µm/8 µm	50 µm/5 µm/8 µm/5 µm
Viewing Window Size	7"w x 9"h (18 x 23 cm)	N/A
Window Filtration	0.127mm beryllium	0.127mm beryllium
Coverage	10" x 12"	17" x 17"
Power	90-250 VAC, 50/60 Hz, 500 VA	90-250 VAC, 50/60 Hz, 500 VA
Touch Screen Monitor	Optional	Optional
Optical Camera	Included	Included
Size w/o Cart (W x D x H)	18.5" x 22" x 34" (47 x 56 x 86 cm)	N/A
Size w/ Cart (W x D x H)	30" x 25" x 62" (76 x 64 x 157 cm)	32" x 37.5" x 59" or 71" (81 x 95 x 150 or 180 cm)
Interior Size (W x D x H)	14" x 17" x 16" (36 x 43 x 41 cm)	25" x 28" x 21" (64 x 71 x 53 cm)
Weight	250 lbs (113 kg)	N/A
Weight with Cart	400 lbs (181 kg)	1000 lbs (454 kg)

Detector Sizes	XPERT 80 System	XPERT 80-L System
5" x 6" (12 x 15 cm)	◆	◆
8" x 8" (20 x 20 cm)	◆	◆
10" x 12" (23 x 29 cm)	◆	◆
17" x 17" (43 x 43 cm)		◆

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