

Faxitron[®] Pro+

Extra Large Field of View Digital Radiography System

A larger, more versatile, fully shielded digital x-ray cabinet providing the ability to image larger samples—without sacrificing resolution.

FAXITRON PRO+ FEATURES

Larger Cabinet and Detector Size

Image samples that are currently too big for existing cabinet x-ray systems thanks to an expanded cabinet and a larger 17" x 17" (43cm x 43cm) imaging area.

High-Resolution Imaging

With native detector resolution of 100µm and effective resolution up to 10µm, The Faxitron Pro+ provides one of the highest resolution in its class. Multiple levels of geometric magnification (up to 10X) allow imaging of all samples at one of the highest resolutions on the market.

More Versatile

Proprietary Automatic Exposure Control (AEC) selects the optimal x-ray exposure settings to ensure high image quality for a broad range of biological and light NDT samples. Manual exposure mode is also available for multi-layer samples and those containing a variety of components.

Ergonomic Design

Fully integrated, floor standing system with heavy duty casters fits easily into any lab and plugs into any standard A/C outlet.

NOTE: Not for clinical use



Easy to Use

No extensive training or specialized x-ray knowledge is required to operate. The intuitive software was designed to meet the imaging needs of both research and industrial users.

Safety and Support

Independently certified by a Nationally Recognized Testing Laboratory (Intertek) to the highest international standards. Product specialists are available to provide remote support and diagnostics.

Faxitron[®] Pro+
Specimen Radiography System

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Digital Radiography System

Specifications	
Imaging area	43cm x 43cm (17" x 17")
Pixel pitch	100µm (18.7 million pixels)
Scintillator	Direct deposited Csi
Magnification	Up to 10X
Spatial Resolution	10µm at magnification
Energy range	20-100kV
Tube current	1.0mA max (limited to 12W)
Focal spot size	<15µm
Tube filtration	0.25mm Be, tungsten source
Power requirements	100-240VAC, 50/60Hz, 150VA
Externail dimensions	34" W x 31" D x 62" H (86cm x 79cm x 158cm)
Chamber dimensions	25" W x 25" D x 36" H (64cm x 64cm x 92cm)
Weight	1,400lbs (635kg)

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Faxitron Pro+ system also known as UltraFocus XL system.



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