

MultiFocus

Digital Radiography System

For a broad range of imaging needs under 50kV.

The compact and fully shielded x-ray cabinet can be placed directly on the bench top in your lab or wherever you need easy access to imaging.





The 10 x 15cm CMOS detector coupled with the wide energy range from 10 - 50kV makes the MultiFocus ideal for imaging a broad range of samples. The 11 μ m focal spot and up to 8X geometric magnification provide up to 80 lp/mm resolution images. The advanced Automatic Exposure Control allows the system to automatically select the appropriate exposure time and kV settings for the sample, with a single click of the mouse.

Features & Benefits

No additional x-ray shielding required
No specialized x-ray knowledge needed to operate
Plugs into any standard A/C outlet
Stainless steel inner chamber designed for easy cleaning
Laser centering guide to ensure proper sample positioning
Magnification shelf with field of view guides and automatic position detection provides for up to 5X geometric magnification with accurate measurements at any level
8X magnification tray provides up to 80 lp/mm resolution images for ex vivo and seed imaging
Single click calibration with auto object detect allows for simple, error-free calibration
One button operation with Automatic Exposure Control (AEC) optimized for a variety of samples (manual exposure settings also available)
Images instantaneously displayed on 22" high resolution 2.3MP monitor (included)
Remote diagnostic and support over the web

Specimen Imaging Area

10cm x 15cm (4" x 6")

Specifications

Spatial resolution	Up to 80 lp/mm at 8X geometric magnification
Pixel pitch	48 μ m
Energy range	10 - 50kV
Tube current	1.0mA max (isowatt limited to 12W)
Focal spot size, nominal	11 μ m
Window filtration	0.25mm Be, molybdenum source
Power	100-240VAC $\pm$ 10%, 50/60Hz, 150VA
External Dimensions	30" H x 21" W x 24" D (77cm x 53cm x 61cm))
Chamber Dimensions	14" H x 12" W x 12" D (37cm x 30cm x 32cm)
Weight	170lbs (77kg)
Shipping Weight	250lbs (113kg)

Contact us today!

T +1-877-910-0030

E sales@faxitron.com

www.faxitron.com

