

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.

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The 10x15cm CMOS detector coupled with the wide energy range from 10-50kV makes the MultiFocus ideal for imaging a broad range of samples. The 11µm focal spot and up to 8x geometric magnification provide up to 80 lp/mm resolution images.



Features & Benefits

No specialised x-ray knowledge needed

The MultiFocus features one button operation and laser centering guide to ensure proper sample positioning. Single click calibration with auto object detect allows for simple, error-free calibration.

Certified safe for public use

MultiFocus requires no additional x-ray shielding and plugs into any standard A/C outlet.

Infection control

Stainless steel inner chamber is designed for easy cleaning.

Automatic Exposure Control (AEC)

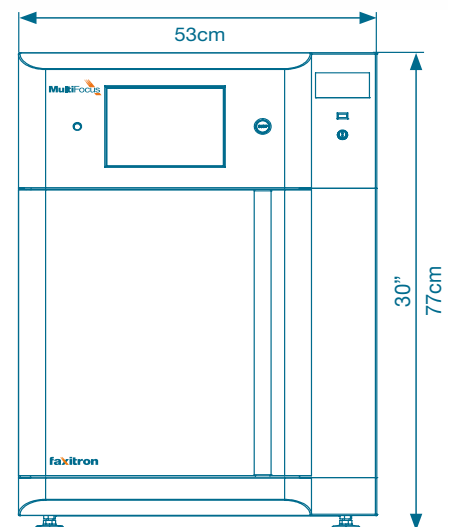
The advanced AEC is optimised for a variety of samples and allows the system to automatically select the appropriate exposure time and kV settings for the sample with a single click of the mouse. Manual exposure settings are also available and images are instantly displayed on the 22" high resolution 2.3MP monitor (included).

Accurate measurements at any level

Magnification shelf with field of view guides and automatic position detection provides for up to 5X geometric magnification. 8X magnification tray provides up to 80lp/mm resolution images for ex vivo and seed imaging.

Online support

MultiFocus includes remote diagnostics and support over the web.



Specifications

Specimen imaging area	10cm x 15cm (4" x 6")
Spatial resolution	Up to 80 lp/mm at 8X geometric magnification
Pixel pitch	48 µm
Energy range	10 - 50kV
Tube current	1.0mA max (isowatt limited to 12W)
Focal spot size, nominal	11µm
Window filtration	0.25mm Be, molybdenum source
Power	100-240VAC ±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)