

# 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 $\mu$ 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.

**Contact us today!**

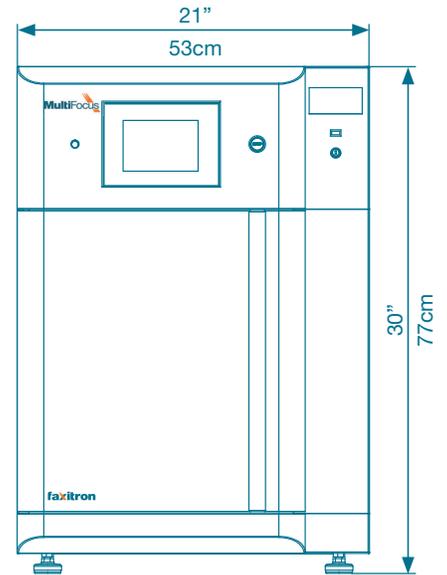
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## Features & Benefits

- \_\_\_\_ 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 6  $\mu$ m 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 24" high resolution 3.7MPx monitor (included)
- \_\_\_\_ Remote diagnostic and support over the web



## Specimen Imaging Area

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

## Specifications

Spatial resolution	6 $\mu$ m at 8X geometric magnification
Pixel pitch	48 $\mu$ m
Energy range	10 - 50kV
Tube current	1.0mA max (isowatt limited to 12W)
Focal spot size, nominal	11 $\mu$ 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)

