

# MX20

## Digital Radiography System

**For a broad range of imaging needs under 35kV.**

The easy-to-operate MX20 is utilized in scientific laboratories worldwide to produce highly detailed radiographs of many various types of samples.





The entire system – consisting of a self-contained x-ray unit, workstation, monitor, mouse and keyboard – can be located directly on a lab bench top or housed on a heavy duty mobile cart, depending on your facility and workflow requirements.

The <math><20\ \mu\text{m}</math> focal spot and 5X geometric magnification provide up to 50lp/mm resolution images.

**Contact us today!**

**T +1-877-910-0030**

**E [sales@faxitron.com](mailto:sales@faxitron.com)**

**[www.faxitron.com](http://www.faxitron.com)**

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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

Entire system (on cart) powered on with single button for ease-of-use

Single click calibration for simple, error-free calibration

No re-calibration or restarting required after transport

Stainless steel inner chamber designed for easy cleaning and disinfection

Laser centering guide ensures proper sample positioning

One button operation with Automatic Exposure Control (AEC) for optimal image quality (manual exposure settings also available)

Images instantaneously displayed on high resolution monitor (included)

Remote diagnostic and support over the web

## Active Imaging Area

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

## Specifications

Spatial resolution	10lp/mm (48 $\mu$ m), contact mode
Geometric magnification	Up to 5X (50lp/mm)
Energy range	10-35kV
Tube current	300 $\mu$ A
Focal spot size, nominal	<math><20\ \mu\text{m}</math>
Window filtration	0.25mm Be, tungsten source
Power	100-250VAC, 50/60 Hz, 400VA
Dimensions external	17" W x 18.5" D x 29" H (43cm x 47cm x 74cm)
Dimensions internal	14" W x 15" D x 19" H (35.5cm x 38cm x 48cm)
Weight	150lbs (68kg)
Weight incl. cart	360lbs (163kg)

