

MultiRad 225

225kV X-Ray Irradiation System

The smaller, simpler, safer alternative to radioisotope irradiators.
Faxitron's MultiRad225 is the perfect system for supplying higher dose to multiple, larger cell and tissue cultures and providing increased dose depth irradiation of small animals.



MultiRad 225

The MultiRad225 is a fully-shielded, self-contained x-ray irradiator that can be used almost anywhere, by anyone. There are no costly licensing, security, or source maintenance fees providing a much lower total cost of ownership than radioisotope irradiators.

The fully integrated system includes turntable with programmable dosimeter, touch screen control panel and closed-loop cooling.

Contact us today!

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View this product online



Features & Benefits

- _____ No additional x-ray shielding required
- _____ No specialized x-ray knowledge needed to operate
- _____ Prescriptive, touchscreen control interface for ease-of-use
- _____ Password login for system security
- _____ Automatic warm-up and tube conditioning for extended tube life
- _____ Electrically-operated turntable to ensure uniform dosing
- _____ Integrated dosimeter with advanced Automatic Dose Control (ADC) for setting exact dose
- _____ Interchangeable beam conditioning filters
- _____ Port for ventilation and introducing auxiliary tubes and/or cables
- _____ Fully integrated, closed-loop cooling system
- _____ Remote diagnostics and support over the web
- _____ Optional programmable motorized shelf for infinitely variable SSDs (manual adjustable shelf included)

Specifications

Energy range	up to 225kV
Tube current at max voltage	13.3mA
System power	3000W
Focal spot size	5.5mm
Inherent filtration	0.8mm Beryllium
Beam angle	40° divergence
Beam coverage range	3.6" (9cm) - 16.0" (40cm) diameter
Source to sample range	5.2" (13cm) - 26.0" (65cm)
Exposure time	programmable or continuous
Power requirements	220 VAC +/- 10 %, 50/60Hz, single phase, 9kVA
Cooling	integrated closed-loop heat exchanger
Specimen turntable	electrically-operated, 2 RPM
Chamber dimensions	23" H x 16" W x 17" D (58cm x 41cm x 43cm)
External dimensions	74" H x 43" W x 35" D (188cm x 108cm x 88cm)
Weight	2550lbs (1160kg)

