

RADPlus™ Round



Designed to be compatible with the RS 2000 Biological Irradiator, configured for life science research applications

Ensures Optimal Dosing

Proprietary RADPlus material aids in uniform dosing and allows for higher dose rates.

This technology ensures optimal and consistent dosing of the animal(s) being irradiated compared to dosing in the absence of the RADPlus tool.

Superior Dose Uniformity

Allows for convenient dosing of small animals – users do not have to sedate or trap mice in a particular spot due to optimal flatness across the mouse cage.

Functions as a placeholder for the Braintree Rad Disk Mouse Holder (8 pie and 12 pie wedges).

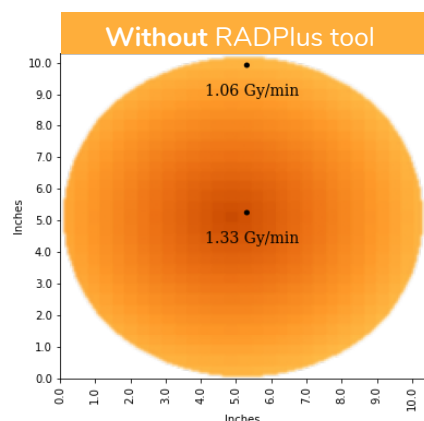
Recommended Placement for Optimal Dosing

Place on the floor of the chamber.

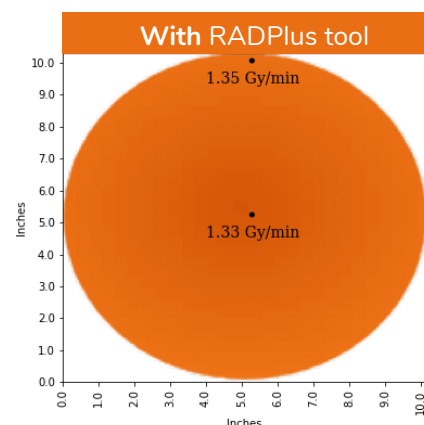
Spacer provided can be used to position the RADPlus Round in the center of the Aluminum shelf.

RADPlus™ Superior Dose Uniformity Demonstrated on Heat Maps

Uniform dosing is important to ensure that the animals receive consistent dosing across the RADPlus tool.



The heat map above shows **less consistent** dosing **without** the RADPlus tool. Darker areas signify higher dose rates whereas lighter areas signify lower dose rates.



The heat map above shows **consistent** dosing **with** the RADPlus tool. Little to no variance of the color across the heat map signifies uniform dosing throughout.

Visit our website using the QR code below for more info on our other RADPlus Research Solutions.



Rectangle



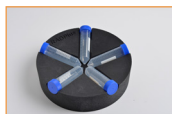
Well Plate Holder



Petri Dish Holder



Round



Vial Holder



Aluminum Shelf



Technical Specifications

| | 160 kV Irradiator | 225 kV Irradiator |
|------------|--------------------------|-------------------|
| Dose Rate | 1.3 Gy/min | 1.7 Gy/min |
| Flatness | 95% | |
| Dimensions | Diameter: 13" Height: 4" | |
| Weight | 17.0 lbs | |

Note: Dose rate specified above is the minimum dose rate across the RADPlus material.

$$Flatness = 100 \times \frac{D_{min}}{D_{max}}$$

ORDERING INFORMATION

• Round

RS# 1420221



Rad Source is a global leader in developing x-ray solutions for life science. Our mission is to develop innovative x-ray technologies that enable our customers to improve the world through life science research and life saving innovation. Whether our customers are doing cell or cancer research, solving life's most challenging issues or preventing the spread of infectious diseases, we are here to support them. Our global network of employees and partners deliver an unrivaled combination of the world's most innovative x-ray based life science solutions and a highly trained and responsive global service and support footprint. RADPlus research tools are for use with Rad Source equipment ONLY.

For more info, visit www.radsources.com or call 678-765-7900



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