



Rad Disk™ and Rad Disk Mini™ Polycarbonate Rodent Microisolation Irradiator Cages

Protection for Irradiated Animals: Because Rad Disk™ and Rad Disk Mini™ are made entirely of polycarbonate plastic, it is autoclavable. The two sizes cages are designed to fit into radiation chambers sizes 5" high and 9" diameter and larger. Used as instructed, Rad Disk™ and Rad Disk Mini™ prevents contamination of mice before,

during and after irradiation. They are also a versatile carrier to protect rodents while transporting them in and out of facilities.

Cage Divider System: Rad Disk™ and Rad Disk Mini™ includes a polycarbonate removable divider system which divides the cages into 4 to 8 compartments for irradiation. Used without dividers, mice can also free range which allows greater uniformity of dose delivery during irradiation.

Imbedded Jump Guard™: Rad Disk™ and Rad Disk Mini™ now include a polycarbonate piehole cutout cover that easily can be rotated over each divided chamber to insert rodents and prevent escape or jump to adjacent chambers.

Protection from Contamination: The Rad Disk™ and Rad Disk Mini™ are autoclavable with the lid in place. Within a changing hood, the animals are transferred from their housing into the sterile protective environment of the Rad Disk™ and Rad Disk Mini™, using standard microisolation techniques. The lid of the Rad Disk™ and Rad Disk Mini™ contains a 3 ply filter which can be used up to 6 months, or 12 autoclave cycles. After animals are transferred into the Rad Disk™ and Rad Disk Mini™. The lid also has aligned air holes through which potential airborne contaminants are trapped on the exterior of the filter. Rad Disk™ and Rad Disk Mini™ are now ready to be transported to the radiation source, even if traveling through a contaminated environment.

Sterile Transportation: After irradiation at location outside of the animal facility, the Rad Disk™ and Rad Disk Mini™ containing the animals are prepared for re-entry into the animal facility by placing a strip of plastic tape over each aligned row of airholes, completely sealing the lid and allowing for liquid sterilization of the exterior of the cage prior to facility re-entry (check with facility management for SOP which may vary from institution to institution). Once decontaminated the taped cage can be taken to the sterile or clean change station, and the animals may then be transferred back to their original or new cages. The tape can be removed from the lid after transporting the cage to the wash area for reprocessing. Any contaminants are trapped on the outside of the filter between the airholes and the lid, so leaving the tape in place prevents exposure to the facility environment.

Rad Disk™ and Rad Disk Mini™ are easy to clean, store, and sterilize for use.