

$\underline{RadDisk}^{\text{TM}}_{\text{Rodent Microisolation Irradiator Disk}}$

Protecting Irradiated Animals: Because RadDisk[™] is made of polycarbonate plastic, it is autoclaveable. The cage is 4" high and 10 ³/₄" in diameter, designed to fit into Gammacell 40 Exactor or Nordion irradiator loading chambers.



Optional Disk Divider System: RadDisk[™] comes with an optional disk divider system to divide the disk into 4-8 compartments during irradiation, if desired. Or the disk can be used without divided compartments, thus allowing free-ranging animals to receive greater exposure.

Protection from Contamination: Used as instructed, RadDisk[™] prevents contamination of mice during and after irradiation. The RadDisk[™] is autoclaved with the lid in place. Within a changing hood, the animals are transferred from their cages into the sterile and protected environment of the disk.

The lid of the RadDisk[™] contains a 3-ply DW3 air filter, which can be used for up to 6 months. After animals are transferred into the RadDisk[™], the lid is put in place and secured to the base with 3M plastic tape for an airtight seal between the lid and the base. The lid has 12 air holes. Any potential airborne contaminates are trapped on the outside of the filter. Once sealed, RadDisk[™] is ready to be taken to the radiation source (providing sterile protection even when moving through a dirty environment) for irradiation.

<u>Sterile Transporter</u>: It is also a versatile carrier to protect rodents while transporting them in and out. After irradiation at a remote location, the RadDisk[™] containing the animals is prepared for reentry into the animal facility by placing two strips of 3M plastic tape over the air holes in the lid. Now the disk can be sterilized for reentry by submersion into a dip tank or by spraying it with chlorine dioxide.



After decontamination, the tape sealing the lid to the base is removed

and the disk is opened. The tape over the air holes is left in place, to isolate any contaminates in the sealed air filter. Within a changing hood, the animals are removed from the disk and returned to their micro-isolator cage. In similar fashion, disks can be used to transfer animals from one facility to another.

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