

6' FLEXIBLE-FILM ISOLATOR ASSEMBLY PART # A6FI

Pictured below is one 6' Flexible-Film Isolator.



Capacity

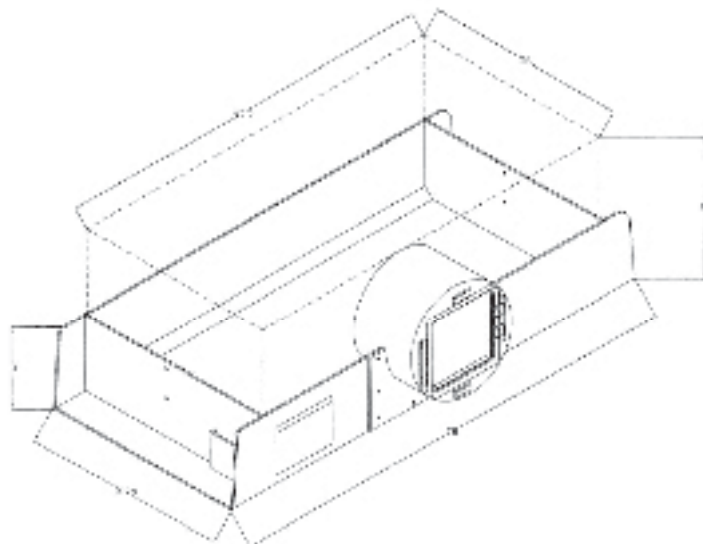
30 mouse cages or 12 rat cages

Each 6' flexible film isolator comes complete with the following:

- 1) A segmented polyurethane flexible bag with two sets of glove sleeves to access animal cages
- 2) A white polypropylene structural support box with integral foam cushion
- 3) Three-tier seismic support rack for mouse or rat cages
- 4) One hermetically sealed, double-door transfer port assembly
- 5) Supply and exhaust HEPA filter assembly with provisions for in-use filter change
- 6) Record holders for animal documentation

Dimensions

Height: 41 inches
Length: 78 inches
Width: 34.75 inches
Weight: 131 pounds



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This isolator is designed to accommodate mouse and rat cages within a segmented polyurethane flexible bag that is attached to a plastic base. The rodent cages are held on a three-tier plastic rack that rests on the floor of the isolator. The isolator base includes a transfer port and the air supply and exhaust HEPA filters.

The flexible bag can be manipulated by firm body pressure to facilitate access to the caging and the animals. Cages and animals are manipulated using two pairs of gloves that are integrated into the flexible bag by means of heavy duty glove sleeves. Large sleeve openings allow the operator's arms

to pass freely into the gloves. The isolator is supplied with large nitrile gloves that accommodate most hand sizes. Gloves can be changed using a glove sleeve clamp (optimal accessory) while the isolator is in operation. The segmented polyurethane bag and glove sleeves are highly puncture resistant. However, the isolator and gloves should be regularly inspected for holes or leaks. Replacement gloves are available.

Air is supplied to the isolator through a canister attached to a disposable HEPA filter located within the isolator. A portable blower is available as an accessory, although a variety of air supply equipment can be used. Air is exhausted from the isolator through a similar plastic connector attached to a disposable exhaust HEPA filter. Disposable, gamma irradiated and vacuumed packed exhaust prefilters are available for purchase and will extend the life of the exhaust HEPA filter. Both inlet and exhaust HEPA filters can be changed while the isolator is in operation. Replacement HEPA filters are available for purchase.

The isolator box contains a transfer port with a hinged, gasketed clear plastic exterior door that is held in place by DE-STA-CO clamps that can be operated by finger pressure. The exterior door can be removed for cleaning or to attach flexible transfer sleeves that link two isolators together. A polyurethane port cover separates the port interior from the inside of the isolator bag.

An identification card holder and record holder box are attached to the isolator box. Support racks may be purchased as an optimal accessory. The racks will hold two isolators stacked one on top of another. Access to the second tier of isolators requires the use of a special safety ladder available from a variety of suppliers. Isolators may also be housed on countertops or on a variety of wheeled carts that are commercially available.