



BioZoneGlobal
the total solution to biocontainment

FlexiRack™ & FlexiZone™



The flexible approach to housing different species on one rack

Key Features

- ✓ Totally flexible animal housing. You decide –
 - * Flexibility of species
 - * Flexibility of social group sizes
 - * Flexibility of environment
 - * Open or ventilated options
 - * Flexibility to respond to changes in regulations

- ✓ One rack to house any of:
 - * Rabbits
 - * Guinea Pigs
 - * Ferrets
 - * Mink
 - * Cats
 - * Small Primates

FlexiRack™

The rack is manufactured from stainless steel **FinTube™** mounted on castors. Autoclaveable castors are optional. The plastic cages slide on runners made of Polypropylene designed to reduce rattle noise. Runners of autoclaveable Trespa are optional. Adjacent racks can be simply connected together, side-by-side or back-to-back, to give animals access to several units in various configurations.

The total dimensions of the rack are 75" high, 60" wide (double stack) and 31" deep. Thus it can easily pass through a standard doorframe. Other sizes are available to special order. Care has thus been taken to ensure that easy visibility and access to animals for handling in the upper cages is possible for a technician of average height.

Floors and roofs of the animals' space (**the unit**) are moulded cage trays of **autoclaveable polycarbonate** and are available with either solid or perforated bases according to species and preference. Each cage tray provides a floor area of 4.5ft². By linking two adjacent cage trays together, an area of almost 11ft² is created. Shelves in each unit would increase this area yet further. Floors and roofs are interchangeable. **Excreta trays** are used under perforated bases and are normally of non-autoclaveable plastic but can be provided made from stainless steel.

Doors are made robust by the incorporation of a contoured steel frame which nevertheless ensures that visibility into cages is minimally affected by door structures. Full-height personnel doors are available for gang-cage arrangements, especially appropriate for cats and marmosets.

Panels making up the sides and backs of each **FlexiRack™** are interchangeable and available in a range of materials including stainless steel rods, SS Mesh, HDPE, opaque Polypropylene, clear polypropylene, or autoclaveable Trespa or combinations of these. Panels between units can be fitted with a sliding divider, which can be opened to provide a '**pop-hole**' between adjacent units. Alternatively, an **open divider panel** can be fitted which effectively links adjacent cages into one area. Spare panel kits of different materials are available to provide long-term flexibility for each rack purchased both in materials and floor area. The unique **BioZone configuration** caters for the height requirements of all species without any need to change the panel kits to adjust for unit height. All adjustments can be achieved by simply changing the doors and rearranging the cage trays - a procedure which takes just a few moments to complete.

The **FlexiRack™** can be autoclaved at low temperature without dismantling. Alternatively higher temperature autoclaving of components can be done. Furthermore, cage changing involves simply exchanging trays which can be easily transported for washing and autoclaving in a secure manner. This is very important for biocontainment (see also **FlexiZone™** below).

Additional items available include **food hoppers, bowls, hay racks, water bottle, assemblies, automatic watering manifolds, and unit shelves**. Food hoppers are available with a polycarbonate window to permit easy viewing of contents, and with lockable lids. The same food hopper design can be used for rabbits, guinea-pigs, ferrets or cats. Shelves are encouraged as enrichment items for most species.

FlexiZone™

FlexiZone™ has been designed to combine the flexibility of **FlexiRack™** with biocontainment or protection in a highly cost-effective manner. The rack is surrounded by an enclosure with four or six horizontal sliding doors at the front to provide cage access. The enclosure is attached to a standard SmartRack™ air handler and is ventilated at 15 to 25 air changes per hour at either positive pressure (for protection) or negative pressure (for containment). The result is a highly flexible, mobile containment system which can be used for a wide range of species.

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