

Автоклавируемые изоляционные камеры FIC

Технические характеристики

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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: pbf@nt-rt.ru || сайт: <https://plas-labs.nt-rt.ru/>

FIC Ward System

Standard FIC animal cubicles can be mounted together on a stainless steel support frame. This gives the investigator flexibility to house different size animals in the same “Ward”.

They are ideal where space for animal housing is at a premium. Because they are totally enclosed systems, multiple species can be housed in the same room.

Individual filters and outlets can be set up to flow into the house exhaust system.

Units illustrated at left include lower trap “clean out” door, high temperature waste pans, and programmable convection heaters. All standard Ward units include casters with brakes and locks.

Safety features prevent overheating. Both 115-120 volt and 220-240 volt models are available.



FIC Wards System



Programmable convection heater (left) easily mounts on the exterior of the cubicle door using a large thumb knob. Heater is formed of high temperature plastic.

Desired temperatures are set by depressing either “up” or “down” arrow button. The sensor then automatically regulates the internal temperature of the animal cubicle. The internal atmosphere is continually recirculated and treated to maintain your desired temperature.

Stainless steel draft deflectors (right) dissipate warm air exhaust preventing a direct draft on the animal. They also prevent the animal from gaining access to the heater unit itself or escaping during heater cleaning.



Autoclavable Isolation Units (FIC)



FIC-36-4

Autoclavable, or steam sterilizable for Complete Sterilization

FIC units protect your animals and personnel from cross-contamination. They are ideal for both acute and chronic holding of animals.

Units are quiet, warm, and soft to the touch of the animal. The problem of hypothermia is eliminated.

These autoclavable isolation cubicles are matched die molded of hi-tech thermoset plastic. Each cubicle is easily removable from its support frame for sterilization. Polycarbonate doors have slip-a-part hinges making removal for sterilization easy.

All hardware is stainless steel and adjustable to compensate for wear. Casters are non-scuffing with locks, brakes, and zerk fittings. Support frame is stainless steel.

Each compartment includes its own blower, in-line on/off switch and standard glass media filtration package. 120 volts 60 Hz, components are U.L./C.S.A. approved. 220 volt units are available. Standard filtration system has 5µm efficiency.

These isolation units are ideal for the research facility where space is at a premium.

Because each cubicle has its own filtration system, internal atmosphere can be exhausted through your house air removal system. Multiple species can be housed in the same room.

Refer to page 6 & 10 for HEPA filtration options. Refer to page 7 for additional options.

Did You Know?

In the U.S.A. there are about 2,080 work hours in one (1) year? Less considering coffee breaks!



FIC-30-2 front view



FIC-30-2 rear view

The Portable Isolation Unit offers the same features as our autoclavable isolation units with some distinct advantages. The self sufficient environment can be easily transported from surgical suite to the post operative recovery area. The rechargeable battery pack ensures proper heating and ventilation in transport. Battery rated at 130 minutes of continuous use before recharging is necessary. Whether moving your patient across the research facility or across town, the Portable Isolation Unit is the answer.

The autoclavable, or steam sterilizable unit includes a stainless steel top to make a convenient work station.

Portable Isolation Units



FIC-36-1

FIC-30-1

FIC-24-1



FIC-30-1 with battery pack



FIC-30-1 rear view



FIC-30-1/SP with gloves

H.E.P.A. Filtration also available!

Model Number	Cubicle Size (ID) w x d x h	Outside Dimensions (OD) w x d x h	Cubicle Configurations	Possible Species	Approximate Volume	Approximate Shipping Weight
FIC-24	24" x 28" x 28" 61 x 71 x 71 cm	28.5" x 31" x 38.5" 72,4 x 78,7 x 97,8 cm	1, 2, 4, 6	Fowl, Felines, Rabbits	10.8 cu. ft 306 L	130 pounds 59 kilos
FIC-30	30" x 30" x 30" 76 x 76 x 76 cm	35.5 x 33 x 40.5" 88 x 84 x 103 cm	1, 2, 4	Fowl Felines Rabbits Primates	15.6 cu. ft 441 L	155 pounds 70 kilos
FIC-36	36" x 36" x 36" 91,4 x 91,4 x 91,4	40.5 x 39 x 46.5" 102,9 x 99 x 118,1 cm	1, 2, 4	Canines Primates	27 cu. ft 764 L	205 pounds 93 kilos



Standard Glass Media System

Our unique filter plates eliminate the need for tools. This mounting system is standard on all units. Rated @ MERV 4. All filtration components are mounted using the same slip-apart-hinge technique.

H.E.P.A. Filtration System

Our standard mounting technique is used when changing pre-filters and the H.E.P.A. filter itself. Rated at 99.99% @ .3µm.

Other Filtration Methods and Means

Molecular Sieve with Angstroms to suit.

Activated Virgin Carbon.

CO2 Removal (atmosphere purification).

Possible Applications

- Temporary Conditioning of Control Test Animals
- Drug Abuse Research
- Veterinary Bacteriology and Mycology
- Toxicologic Pathology
- Reproductive (fertility) Studies
- Environment (Hygiene) Exposure
- Nocturnal Studies - Illumination Programmable

FIC-30-2/SP

With elevated stainless steel stand.



Pictured from left to right:

FIC-36-2

FIC-36-4

FIC-36-6

FIC Accessories

- Plastic coated support floor
- Various filtration systems
- Interior shelf packages
- Shelf support package of plastic or metal shelves
- Interior lighting systems
- Feline resting perch
- Reducer to fit your in-house filtration and air-removal system

Additional Options

- | | |
|-----------------------|-----------------------------|
| A. Glove Ports | E. Tinted (shaded doors) |
| B. Iris Diaphragms | F. Shelves |
| C. Feeding Ports | G. Electric Outlets (inner) |
| D. Automatic Watering | H. Lighting Systems |
| | I. Valves, air, gas, water |
| | J. HEPA Filtration |
| | K. Access ports. Refer to |



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