

Изоляторы для птицы с автоматической системой поения и кормления

Технические характеристики

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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/>

Poultry Isolation Chambers

The Plas ■ Labs' goal pertaining to H.E.P.A. filtration of its chambers is to ensure absolute filtration, yet make filter change-over simple and quick. Both the H.E.P.A. filter and blue pre-filters can be changed in seconds.

These poultry isolation units are designed to protect both your fowl and personnel from cross contamination. They are ideal for either acute or chronic studies. The isolation cubicles are match die-molded of "hi-tech" thermoplastic allowing for autoclaving or steam sterilization. The problem of hypothermia is eliminated. Individual cubicles can be removed for cleaning, but it is not normally necessary. The polycarbonate doors are mounted using stainless steel "slip-a-part" hinges for easier cleaning.



Vertical Style Unit with optional glove ports (800-PIU/PORTS) and access port (800-PIU/ACCESS/P.)



Horizontal Style Unit with optional glove ports (800-PIU/PORTS) and access port (800-PIU/ACCESS/P.)

What's included with the standard Poultry Isolation Units:

- Match die-molded animal housings. With autoclavable or steam cleaning capabilities.
- Stainless steel support frame (trolley) with casters, brakes and locks.
- Removable polycarbonate front door with slip-a-part stainless steel hinges.
- High temperature gasket material.
- Electrical control panel can be removed during cleaning.
- Digital temperature controller and thermocouple.
- Red heat lamp with adjustable intensity.
- Gravity fed stainless steel feeder chute and adjustable feed box with sight gauge. Capacity: 6 to 12 pounds. (Depends on size of cubicle)
- Gravity fed adjustable watering "T" with two or three water cups. All stainless steel.
- Fast acting "squeeze" adjuster for the watering "T".
- Stainless steel floor grid.
- Formed white waste pan with rounded corners.
- Lower "trap" door for removing the waste pan. No disruption of the birds.
- Cylindrical H.E.P.A. filters for air make up and exhaust. Allowing for easy and quick filter changing.
- Reusable (hand washable) polyester pre-filters rated MERV 4.
- Squirrel cage blower for air make up or exhaust. Negative pressure standard, but positive pressure is available upon request. Includes an orifice for testing the H.E.P.A. efficiency. "DOP/PAO" testing capable.
- Electrical set-up for either 115-120 or 220-240 volts.
- Standard Plas ■ Labs' 12 month warranty against defective materials and workmanship. (Not the gloves or the filters).

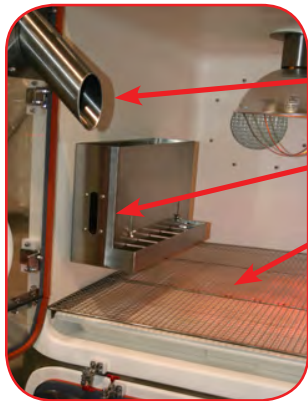


Back view of unit illustrating negative pressure with HEPA filtration.

HOUSING FEEDER & WATERING DETAILS



- New “Coiled” flexible water hose can easily be attached to your house water supply.
- New “Squeeze” adjustment for raising and lowering the water “T” system.
- Stainless steel watering cups and “T” bar.
- Feeder box in lower position. Seated in lower bracket for younger chicks.



- Revised glove port plug, prevents birds from getting into glove port and suffocating.
- Stainless steel feeder chute.
- Stainless steel feed box with sight gauge. (Elevated position).
- Removable stainless steel grid floor.



- Stainless steel feeder chute and removable chute plug.

Optional accessories for the Poultry Isolation Units:

- Ambidextrous white Hypalon gloves. Glove port plugs are included. Plugs prevent birds from entering ports and suffocating. (Catalog: 800-PIU/PORTS)
- Access port for removing sick, injured, or dead birds. (Catalog: 800-PIU/ACCESS/P)
- Interior “anti-escape” shield (polycarbonate).

REMOVABLE WASTE PAN AND LOWER TRAP DOOR

- Each housing cubicle includes a formed white plastic waste pan that is removable without disturbing your birds.
 - The lower trap door is standard, but can be eliminated if the customer prefers.
- Note: This photo illustrates the accessories; 800-PIU/PORTS and 800-PIU/ACCESS/P.**
- New “Sealed” living hinge for lower trap clean-out door.



HEPA FILTER & EXHAUST BLOWER HOUSING DETAILS

- Choose negative or positive pressure set-up. Pressure direction is determined by end-user's requirements.
- Filter housings have stainless steel "slip-a-part" hinges and clamps for easy removal when cleaning.
- Cylindrical H.E.P.A. filters are 8" (203 mm) in diameter. 99.99% @ .3 μ m .
- The blower housing also has the same "slip-a-part" hinge and clamping system.
- Pre-filters are hand washable, three (.5 μ) micron spun polyester.



The thermocouple wire is inserted between the HEPA filter and inner cage wall.



Open clear plastic housing to install the replacement HEPA filter.



The blue "pre-filter" is placed in front of the exhaust HEPA filter. Place pre-filter on the outside of the air make up filter.

REMOVABLE ELECTRIC CONTROL PANEL DETAILS

- All electrical controls are mounted on a stainless steel panel that can be removed in seconds for cleaning the isolation unit. Using our unique "Key Way" technique, no tools are required.



- Two (2) upper "Key Way" slots for mounting or removing control panel.
- New digital heat control module, #DBS 1000 for upper housing thermocouple. Just push a button and scroll to your desired temperature.
- Temperature thermocouple. The tip is placed inside the exhaust H.E.P.A. filter housing. Same on the bottom H.E.P.A.
- Electrical sockets for both the upper heat lamp and blower.
- Variable speed controls for fans, (blowers).
- 20 Amp Ground Fault Interrupter (G.F.C.I.). Safety socket. Reset button.
- Electrical sockets for both the lower heat lamp and the blower.
- New digital heat control module, #DBS 1000 for lower housing with thermocouple. Just push a button and scroll to your desired temperature.

ADDITIONAL ISOLATOR DETAILS

- All poultry isolator housings feature an interior red heat lamp. This special lamp provides warmth and minimizes healthy birds from attacking injured or sick birds.
- The light intensity (and heat) is controlled by the digital heat controller mounted on the outside of the isolator housing.

Catalog Number	Housing Size	Number of Housings
FIC-30-1-PIU	30" x 30" x 30"	One (1)
FIC-30-2-PIU	30" x 30" x 30"	Two (2)
FIC-30-4-PIU	30" x 30" x 30"	Four (4)
FIC-36-1-PIU	36" x 36" x 36"	One (1)
FIC-36-2-PIU	36" x 36" x 36"	Two (2)
FIC-36-4-PIU	36" x 36" x 36"	Four (4)



USEFUL ISOLATOR ACCESSORIES:

- Catalog **#800-PIU/ACCESS/P**, Access Port constructed of clear acrylic (Perspex) at 9.75" I.D. (248 mm ø) x 9.5" (241 mm) long, with formed clear doors, stainless steel hinges, and adjustable locks. This port is useful for removing sick, injured, or dead birds. It is mounted on top of the upper glove ports and below the lower housing glove ports.
- Catalog **#800-PIU/PORTS**, with Hypalon ambidextrous gloves and ports at 203 mm ø and including one (1) pair of white formed plastic glove port plugs. The plugs prevent birds from entering the glove ports and suffocating.
- New "Sealed" living hinge for lower trap clean-out door.



Did You Know?

The life span of a common chicken is 5 to 8 years. Daily food consumption is approximately 125 to 250 grams per bird, depending upon its size.



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