



Flystuff
Drosophila Research
A Genesee Scientific Brand

THE FLYER™

Drosophila Product Catalog

Our Products:

- Vials
- Bottles
- Closures
- Food
- Fillers
- Anesthesia
- Incubators
- Microscopy
- Cages
- Accessories



Incubators

INVICTUS NEXT-GEN® Thermoelectric Incubators



No Technician Needed

Engineered for easy cooling block replacement with simple hand tools



Extremely Quiet

Ideal for all laboratory workspaces with fans designed to be no louder than a computer fan



Long Life Expectancy

Peltier cooling devices never run at full capacity, so the MTBF (mean before failure) is well over 20 years



Energy Efficient

Thermoelectric cooling utilizes 33% less energy than compressor cooled models



Corrosion Resistant

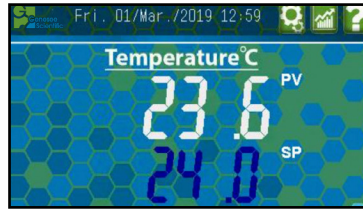
The thermoelectric cooling block is impenetrable to the acidic environment caused by Drosophila

Cat #	Description	Door Type	Temperature Control	# of Shelves
59-800T	INVICTUS NEXT-GEN 12ft³	Glass	14°C to 50°C (at 22.2°C ± 4.5°C ambient)	4
59-800TL	INVICTUS NEXT-GEN 12ft³ with Lighting	Solid	14°C to 50°C (at 22.2°C ± 4.5°C ambient)	4
59-800TLH	INVICTUS NEXT-GEN 12ft³ with Lighting and Humidity	Solid	14°C to 50°C (at 22.2°C ± 4.5°C ambient)	4
59-807T	INVICTUS NEXT-GEN 32ft³	Glass	16°C to 50°C (at 22.2°C ± 4.5°C ambient)	9
59-807TL	INVICTUS NEXT-GEN 32ft³ with Lighting	Solid	16°C to 50°C (at 22.2°C ± 4.5°C ambient)	9
59-807TLH	INVICTUS NEXT-GEN 32ft³ with Lighting and Humidity	Solid	16°C to 50°C (at 22.2°C ± 4.5°C ambient)	9
59-808T	INVICTUS NEXT-GEN 47ft³	Glass Double Door	18°C to 50°C (at 22.2°C ± 4.5°C ambient)	18
59-808TL	INVICTUS NEXT-GEN 47ft³ with Lighting	Solid Double Door	18°C to 50°C (at 22.2°C ± 4.5°C ambient)	18
59-808TLH	INVICTUS NEXT-GEN 47ft³ with Lighting and Humidity	Solid Double Door	18°C to 50°C (at 22.2°C ± 4.5°C ambient)	18



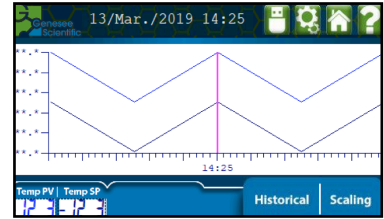
The Best Warranty in the Industry

All INVICTUS NEXT-GEN incubators are backed by a 7-year warranty on the thermoelectric cooling block, 2-year warranty on all parts, and 1-year warranty on all parts and labor.



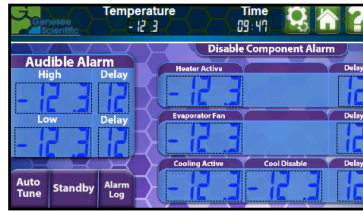
Easy to Use

Our controllers are designed with a simple, easy-to-read home screen display and help screen options on each screen for easy navigation and control.



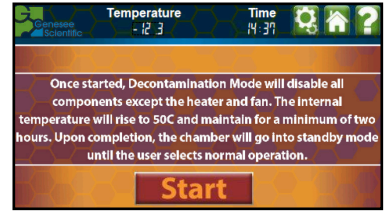
Fully Programmable

Controllers are fully programmable with the option to program the incubator to automatically change temperature or humidity at up to 24 set time intervals.



Built-in Alarm System

The alarm system has the ability to set up to three different alarms. The system connects to WiFi to alert you via text and e-mail if there is an issue with your incubator.



Pre-programmed Mite Cycle

The exclusive Mite Cycle Mode runs a pre-programmed decontamination cycle at 50°C for a minimum of two hours.

INVICTUS® Compressor Incubators

INVICTUS Compressor Model Incubators

- E-coated Evaporator Coils
- Watlow Digital Controllers
- Available with a glass door or with lighting and a solid door
- L:5:1 Warranty: Lifetime warranty on the Evaporator Coil (part only), 5-year warranty on the compressor (part only), and 1 year warranty on all parts and labor



Cat #: 59-400

Cat #: 59-407

Cat #: 59-408

Cat #	Description	Door Type	Temperature Control	# of Shelves
59-400	INVICTUS 22ft ³	Glass	5°C to 60°C	6
59-400L	INVICTUS 22ft ³ with Lighting	Solid	5°C to 60°C	6
59-407	INVICTUS 26ft ³	Glass	5°C to 60°C	6
59-407L	INVICTUS 26ft ³ with Lighting	Solid	5°C to 60°C	6
59-408	INVICTUS 43ft ³	Glass	5°C to 60°C	12
59-408L	INVICTUS 43ft ³ with Lighting	Solid	5°C to 60°C	12

Fits 4 standard narrow or wide vial trays per shelf

(Narrow: Cat #: 59-400;
Wide: Cat #: 59-407 and Cat #: 59-408)





Drosophila Bundles

Drosophila Bundles - An easier way to order!

Every vial and bottle needs a closure — now order them all together with one part number! Drosophila product bundles will simplify your ordering and inventory management. Just order using the catalog number and you will receive the vials or bottles you need and an identical number of closures. It's that easy!



Vial Bundles

Type	Material	Packaging	Quantity	Flugs	Cotton	Rayon
 Narrow 25 x 95mm	Polystyrene	Bulk	6000	32-116BF	32-116BC	32-116BR
		Reload	2000	32-109RLBF	32-109RLBC	32-109RLBR
		Tray	2000	32-109RBF	32-109RBC	32-109RBR
	Polypropylene	Bulk	6000	32-120BF	32-120BC	32-120BR
		Reload	2000	32-113RLBF	32-113RLBC	32-113RLBR
		Tray	2000	32-113BF	32-113BC	32-113BR
 Wide 28.5 x 95mm	Polystyrene	Bulk	2000	32-117BF	32-117BC	32-117BR
		Tray	2000	32-110BF	32-110BC	32-110BR
	Polypropylene	Bulk	2000	32-121BF	32-121BC	32-121BR
		Tray	2000	32-114BF	32-114BC	32-114BR



Cat #: 32-109RLBF
4 cases of vials
2 cases of Flugs

Bundles Are Easy!

- Easier inventory management
- A single Cat # for vials & closures
- Master case quantities protect vials and save on freight costs



Bottle Bundles

Type	Material	Quantity	Flugs	Cotton
6oz Square	Polypropylene	2000	32-130BF	32-130BC
6oz Square	Polyethylene	2000	32-131BF	32-131BC
8oz Round	Polypropylene	1000	32-129FBF	n/a



Cat #: 32-130BF
4 cases of bottles
2 case of Flugs

Vials

Fly Vial Reload System

Protected by Patent #: D673,296 S; 8,136,679 B2; and 8,430,251 B2

Using Bulk Vials? Reloads are 15x Faster to Rack!

- Average time to rack one case of bulk vials: 15 minutes
- Average time to rack one case of reload vials: about 1 minute
- Receive exactly 500 vials per case; never less
- No more scratched vials & cardboard residue reducing vial clarity
- A far superior product for only a fraction of the price more

Using Racked Vials? Reloads are Less Expensive!

- Reload vials are cheaper than what you pay for tray pack vials
- Environmentally responsible – reduces cardboard trays
- Reload vials save lab space – smaller footprint than tray pack vials
- Reload vials are as quick to use as racked vials

Reload Pack Vials (Available in narrow only)

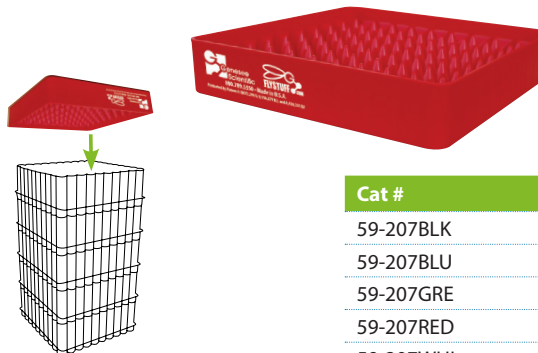
Narrow (25 x 95mm) vials, packaged in 5 reload trays of 100 vials/unit

Cat #	Type	Material	O.D. x H	Units/Pallet
32-109RL	Narrow	Polystyrene	25 x 95mm	56
32-113RL	Narrow	Polypropylene	25 x 95mm	56



Permanent Plastic Reload Tray

- No refuge for mites unlike traditional cardboard trays
- Precision Injection Molded - vials fit snugly in tray
- Best option for partially loaded trays
- Rugged construction for years of continued use
- Easy to clean - bleachable and dishwasher safe



Dimensions: 10.375" x 10.375" x 2"
(26.35cm x 26.35cm x 5cm).
For narrow vials: (25 x 95mm).
Not autoclavable. If machine washed, avoid dry cycle.
Plastic is constructed of a rugged, durable polymer blend. Fully submersible and bleachable.

Cat #	Color	Qty/Unit
59-207BLK	● Black	12 Trays
59-207BLU	● Blue	12 Trays
59-207GRE	● Green	12 Trays
59-207RED	● Red	12 Trays
59-207WHI	○ White	12 Trays

Drosophila Vials

These quality Drosophila vials are precision molded from premium grade polystyrene, polypropylene, or K-Resin. All Genesee Scientific fly vials are conveniently offered in either tray pack or bulk pack configurations. The tray pack 10 x 10 row configuration is great for quick, effortless filling. The bulk pack vials are layered with open-end orientation for convenient handling and smaller case size for easy storage.

Polystyrene Vials

Experience the crystal-clear visibility of our Polystyrene fly vials. They offer an outstanding and economical alternative to traditional glass vials without compromising on the visibility you rely on for detailed work. Note that these vials are not suitable for autoclave sterilization.

Polypropylene Vials

Discover the resilience and clarity of our Polypropylene fly vials. They blend excellent visibility with remarkable durability, offering a cost-effective solution for your lab needs. Plus, they are fully autoclavable, ensuring sterility without sacrificing quality. For best results, use the following autoclave settings: 121°C, 15psi, for 15 minutes.

K-Resin Vials

Introducing our K-Resin fly vials, where the durability meets flexibility. These vials boast an exceptional combination of glass-like clarity and rugged, scratch-resistant construction, making them a top choice for secure transportation of your specimens. Please note that K-Resin vials are not autoclavable. For an autoclavable option with similar strength and clarity, consider our Polypropylene vials – superior quality at a more affordable price point.



Tray Pack Vials

500 Vials Per Unit (5 Trays of 100 Vials)

Cat #	Applied #	Type	Material	O.D. x H	Units/Pallet
32-109	AS-516	Narrow	Polystyrene	25 x 95mm	56
32-110	AS-520	Wide	Polystyrene	28.5 x 95mm	56
32-111	AS-508	Narrow	K-Resin	25 x 95mm	56
32-113	AS-514	Narrow	Polypropylene	25 x 95mm	56
32-114	AS-512	Wide	Polypropylene	28.5 x 95mm	56

Tray Pack



Bulk Pack Vials

500 Vials Per Unit (1 Bag of 500)

Cat #	Applied #	Type	Material	O.D. x H	Units/Pallet
32-116SB*		Narrow - Superbulk	Polystyrene	25 x 95mm	36
32-116	AS-515	Narrow	Polystyrene	25 x 95mm	64
32-117	AS-519	Wide	Polystyrene	28.5 x 95mm	56
32-118	AS-509	Narrow	K-Resin	25 x 95mm	64
32-120	AS-507	Narrow	Polypropylene	25 x 95mm	64
32-121	AS-513	Wide	Polypropylene	28.5 x 95mm	56

*Superbulk packaged 1000 vials/unit



Bulk Vials
Open-end oriented for easy racking!

Reload Pack Vials (Available in Narrow Only)

Narrow (25 x 95mm) vials, packaged in 5 reload trays of 100 vials/unit

Cat #	Type	Material	O.D. x H	Units/Pallet
32-109RL	Narrow	Polystyrene	25 x 95mm	56
32-113RL	Narrow	Polypropylene	25 x 95mm	56

Reload Pack



SUPERBULK® Pack Vials

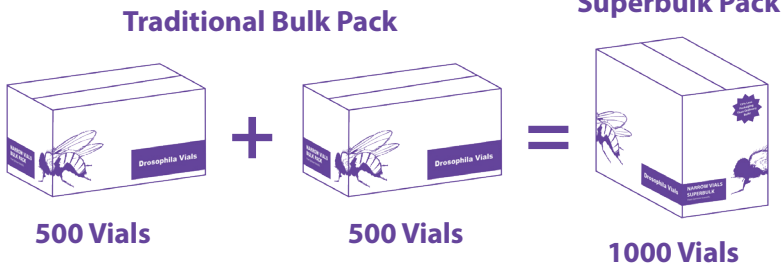
1,000 Vials Per Unit (1 Case of 1,000)

This honeycomb arrangement of vials provides better protection to prevent breakage. It has also decreased the voluminous case to a smaller footprint to save on freight cost and on storage space. The upward facing arrangement allows for easier placement from the case to your vial tray. Simply place the box at an angle, start from the top and transfer to your vial tray. Now with the new tear-away design, the vials at the bottom of the case are just as accessible as the top!

- Small footprint for easier storage
- Save on freight cost
- Prevents breakage
- Simple to unload and place in vial tray
- Significant time savings

Cat #	Type	Description	O.D x H
32-116SB	Narrow	Polystyrene	25 x 95mm

- 25% Less Packaging
- 15% Smaller Cubic Footprint
- 50% Less Breakage



100% Smart Choice!



Tear-away Packaging

Allows Easy Access to Lower Layers

MORE SAVINGS!



Bottles

Drosophila Stock Bottles

- Polyethylene: Good transparency, softest top, not autoclavable
- Polypropylene: Better transparency, pliable top, fully autoclavable
- Glass: Best transparency, heavy-wall construction for multiple autoclavings, and years of every day use

30% Less Packaging than Competitors!



Cat #: 32-130 (PP) & 32-131 (PE)
2.25" ea side x 4" H
(5.71cm ea side x 10.16cm H)
Universal Compatibility



Cat #: 32-129F
2.375" dia x 5.125" H
(6.03cm dia x 13.02cm H)
Universal Compatibility



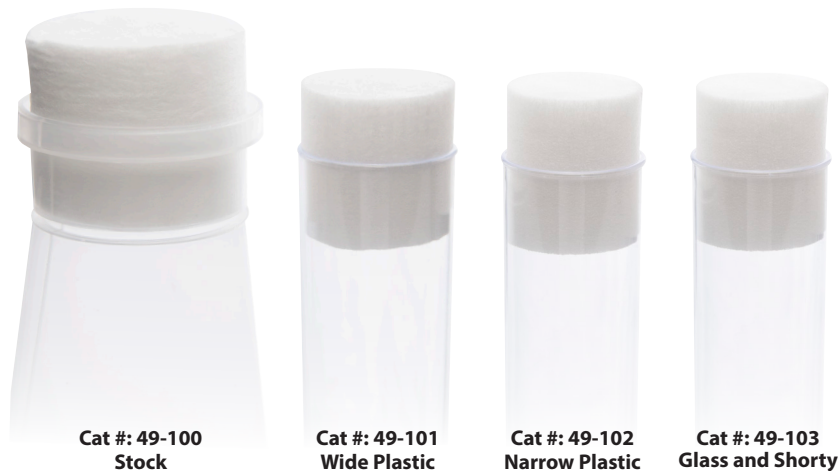
Cat #: 50-102
2.375" dia x 5.375" H
(6.03cm dia x 13.65cm H)
Droso-Plugs

Cat #	Applied #	Description	Material	Qty / Unit	Units/Pallet
32-130	AS-355	6oz Square Bottom Bottle	Polypropylene	500	16
32-131	AS-359	6oz Square Bottom Bottle	Polyethylene	500	16
32-129F	AS-117	8oz Round Bottom Bottle	Polypropylene	250	16
50-102	N/A	Half Pint Glass Stock Bottle	Glass	60	27

Closures

Flugs® Closures for Vials & Bottles

- Flugs are bonded dense weave cellulose acetate plugs for Drosophila vials and bottles
- Provides a better barrier to mites than cotton, rayon, paper lids, and foam plugs — the best mite proof closure available
- Offers minimal shedding and reduced evaporation, which keeps food fresher longer



Cat #: 49-100
Stock

Cat #: 49-101
Wide Plastic

Cat #: 49-102
Narrow Plastic

Cat #: 49-103
Glass and Shorty

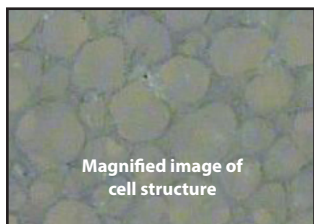
Master Case Quantities

For your convenience, we have designed boxes which fit multiple cases of Flugs. We encourage customers to order Flugs in multiples of Master Case quantities to help protect shipments and reduce freight costs.

Cat #	Applied #	Fits	Qty/Unit	Master Case Qty
49-100	AS-277	Stock Bottles	1000	n/a
49-101	AS-275	Wide Plastic Vials	1000	n/a
49-102	AS-273	Narrow Plastic Vials	1000	5
49-103	AS-271	Glass and Shorty Vials	1000	5

Droso-Plugs®

- Densest foam ever offered to fly labs
- Increased height for extra protection
- Easiest closure available: Insert/Remove/Gas
- Reusable (washable, autoclavable*)
- Recommended autoclave settings: 121°C, 15psi, 15 minutes



Magnified image of cell structure

1mm

Cell Structure

The proprietary nominal density 92.1kg/m³ provides an incredibly tight cell structure (3,000,000 micro-cells per square centimeter).



Cat #	Description	Qty/Unit
59-194	Bottle Droso-Plugs	1536 Plugs
59-194P	Plastic Bottle Droso-Plugs	2560 Plugs
59-200	Narrow Vial Solid Droso-Plugs	6760 Plugs
59-201	Wide Vial Solid Droso-Plugs	4840 Plugs

*Results may vary after autoclaving. Test a small amount first.

Cotton & Rayon Balls

- Consistent uniformity of shape and size for maximum efficacy in vial plugging
- Effective barrier to mite infestation



Cat #	Applied #	Material	Fits	Qty/Unit
51-101	AS-212	Cotton	Narrow Vials	2000 Balls
51-102W	N/A	Cotton	Wide Vials	2000 Balls
51-102B	AS-215	Cotton	Bottles	2000 Balls
51-100	AS-210	Rayon	Narrow Vials	2000 Balls

Cotton & Rayon Rope

- Pharmaceutical grade
- Pulled or cut in any length to effectively plug any size vial or bottle
- Conform to USP (current edition) Purified Rayon and Purified Cotton

Rope coils allow user-defined sizing



Cat #	Applied #	Description	Qty/Unit
52-100	AS-205	Rayon Rope	20lb Coil/Unit
52-101	AS-212	Cotton Rope	17lb Coil/Unit

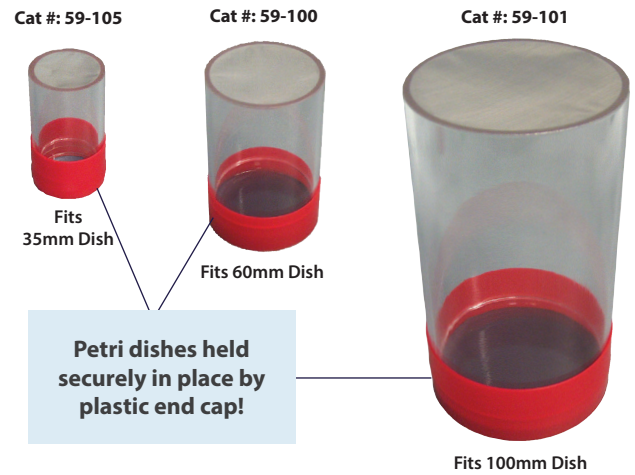
Embryo Collection

Embryo Collection Cages

- Made of durable acrylic
- Extended end cap (flexible LDPE) accommodates a petri dish which eliminates the need for tape, while maintaining cage integrity
- Fused stainless steel mesh (97µm) at top of the cage to allow ample breathability and eliminate condensation

Cat #	Description	Qty / Unit
59-105	Mini, Fits 35mm Dish	4 Cages
59-106	Mini Add'l Caps	8 Caps
59-100	Small, Fits 60mm Dish	4 Cages
59-102	Small Add'l Caps	8 Caps
59-101	Large, Fits 100mm Dish	4 Cages
59-103	Large Add'l Caps	8 Caps

Cleaning Instructions: Use cold soapy water. Do not clean with ethanol or other alcohol.
Embryo Collection Cage Compatibility Chart: flystuff.com/documents



Petri Dishes

- Striation free, completely flat bases for even and consistent media
- Vented spacers on base for effective gas and heat exchange between stacked units
- Available with grip ring*

Cat #	Size (mm)	Qty/Unit
32-103	35 x 10	500
32-105*	60 x 15	500
32-107*	100 x 15	500
32-106	150 x 15	100

*Add "G" to end of Cat # to include grip ring.



Mesh & Mesh Baskets

- Made of durable PVC
- Threaded
- Utilize your own mesh



Cat #	Description	Mesh Basket/Unit
46-101	Small, 3/4in Inside Diameter	1
46-102	Large, 1in Inside Diameter	1
46-103	Mini, 1/2in Inside Diameter	1

- Stainless steel mesh ideal for making Drosophila cages and lids
- Resistant to most corrosive liquids
- Has nominal 18% Chromium and 8% Nickel



Cat #	Description	Foot/Unit
57-100	Stainless Steel 97µm, 48in Wide Roll	1
57-101	Nitex Nylon 630µm, 45in Wide Roll	1
57-102	Nitex Nylon 120µm, 40in Wide Roll	1
57-103	Nitex Nylon 100µm, 40in Wide Roll	1
57-104	Nitex Nylon 64µm, 40in Wide Roll	1
57-105	Nitex Nylon 30µm, 42in Wide Roll	1
57-106	Nitex Nylon 50µm, 42in Wide Roll	1
57-107	Nitex Nylon 250µm, 40in Wide Roll	1

Food & Fillers



See How Nutri-Fly® is Made!
flystuff.com



Daily Use Pre-Mixed Drosophila Media

Nutri-Fly is made to accommodate the requirements of large, communal Drosophila media preparation facilities as well as small, independent laboratories. The recipe can be doubled, tripled, etc., in the same batches to meet any media quantity requirements.

- Saves time and effort
- Adopted by major Drosophila media prep facilities worldwide
- Never manage stock of individual ingredients again
- Convenient - bulk powder or resealable bottles
- Robust - 2 year shelf life
- Strict lot traceability - unmatched media consistency

Nutri-Fly® Bloomington Formulation

For consistency, most ingredients* come from the manufacturers cited on the Indiana University, Bloomington Drosophila Stock Center website:

<https://bdsc.indiana.edu/information/recipes/bloomfood.html>

Ingredients

- Quaker Yellow Cornmeal
- Tate and Lyle Corn Syrup Solids
- Lynside® Nutri Inactive Nutritional Yeast
- Agar, Type II
- ADM Soy Flour

* Corn syrup solids have been substituted for light corn syrup and "normalized" according to Brix content.



Nutri-Fly® Molasses Formulation

This recipe is based on the Indiana University, Bloomington Stock Center Cornmeal, Molasses and Yeast Medium recipe:

<https://bdsc.indiana.edu/information/recipes/molassesfood.html>

Ingredients

- Quaker Yellow Cornmeal
- Agar, Type II
- Quick-Flo® Molasses Solids
- Lynside Nutri Inactive Nutritional Yeast



Nutri-Fly® Bulk Powder Food

Never manage inventory of multiple ingredients again! Nutri-Fly Bulk food is the best solution for large kitchens or media prep facilities. Save time, save effort, and guarantee high-quality food.



Loved By Kitchens!

We don't like to brag, but...



Ideal for large kitchens!



We switched to Nutri-Fly and now save hours each week in prep time, allowing us to focus on other things. Our customers love it, no more complaints on inconsistencies!



- University of California



We were having a ton of issues with food inconsistencies in our lab, so we switched to Nutri-Fly. We haven't had a problem with our food since switching and we couldn't be happier!



- University of Southern California

Superbulk Scoopable Food

Cat #	Formulation	Formula for Every 10L of Food	Units
66-121	Bloomington	1.76Kg BF Powder + 10L of H ₂ O	Bulk Powder Makes 100L
66-123	Molasses	1.78Kg MF Powder + 10L of H ₂ O	Bulk Powder Makes 100L

Re-sealable Bottles

Cat #	Formulation	H2O Volume	Units
66-112	Bloomington	Add 1L/Bottle	10 x 1L Bottle
66-113	Bloomington	Add 10L/Bottle	10 x 10L Bottle
66-116	Molasses	Add 1L/Bottle	10 x 1L Bottle
66-114	Molasses	Add 10L/Bottle	10 x 10L Bottle

**FREE SAMPLES
AVAILABLE!**

We suggest the addition of propionic acid (Cat # 20-271) to extend the shelf life of your fly food. Adding 4.8ml propionic acid has been shown to effectively extend the shelf life of prepared media. Tegosept (Cat # 20-258, 20-29, 20-266), also known as methyl paraben, may be used in addition to but not instead of propionic acid. Propionic acid is considered sufficient as a preservative and the use of tegosept has been shown to slow larval and pupal growth rates in Drosophila. Therefore, we suggest tegosept only when additional fungal protection is necessary.

Nutri-Fly® Drosophila Agar, Gelidium, 100 Mesh

Our technical grade Drosophila agar (USP) is a staple ingredient in fly food and is produced in 100 mesh particle size.

Gel Strength Coefficient - Every agar's gel strength varies from lot to lot. Gel strength is noted on the label of all Nutri-Fly drosophila agar, and we strongly suggest that you seize the opportunity and use this information to ensure consistency. Use this formula to calculate Agar Mass of the new fly food:

$$\text{New Agar Mass} = \frac{\text{Current Agar Mass} \times \text{Current Gel Strength}}{\text{New Gel Strength}}$$

Cat #	Quantity
66-103	5Kg (11.02lbs)
66-104	10Kg (22.05lbs)
66-105	25Kg (55.12lbs)
66-111	50Kg (110.23lbs)

You can optimize every batch of fly food because each unit of Genesee's Nutri-Fly Drosophila Agar comes with useful lot-specific information printed on the label.



Fly Food Ingredients

Cat #	Description	Brand	Volume/Unit
62-109	Corn Syrup Solids	Tate & Lyle	22.7Kg (50lbs)
62-100	Cornmeal, Yellow	Quaker	5Kg (11.02lbs)
62-101	Cornmeal, Yellow	Quaker	11.3Kg (24.91lbs)
62-113	Dextrose	ADM	22.7Kg (50lbs)
62-111	Malt Extract, Light	Briss	24.95Kg (55lbs)
62-117	Molasses	Groeb Farms	1 Gallon (3.78L)
62-118	Molasses	Groeb Farms	5 Gallons (18.93L)
62-119	Molasses, Dry	Qwik-Flo®	22.68Kg (50lbs)
20-271	Propionic Acid, Sodium Salt	Apex	1Kg (2.2lbs)
62-115	Soy Flour	ADM	10Kg (22lbs)
62-116	Soy Flour	ADM	22.7Kg (50lbs)
62-112	Sucrose, Spreckels, Granulated	Cargill	22.7Kg (50lbs)
20-258	Tegosept	Apex	1Kg (2.2lbs)
20-259	Tegosept	Apex	5Kg (11.02lbs)
62-103	Yeast, Active Dry	Red Star	32oz (2lbs)
62-106	Yeast, Inactive Dry	Lynside® Nutri	5Kg (11.02lbs)
62-107	Yeast, Inactive Dry	Lynside® Nutri	10Kg (22.05lbs)



Molasses



Don't see what you need?
Contact us and we will be happy to carry it for you.



Soy Flour



Yellow Cornmeal



Active Dry Yeast

Droso-Filler™



The Droso-Filler media dispenser is available exclusively through Genesee Scientific. Simply fill the trough with your Drosophila media of choice and pour tray after tray as quickly as possible! Made from food-grade stainless steel with a Teflon sliding plate.



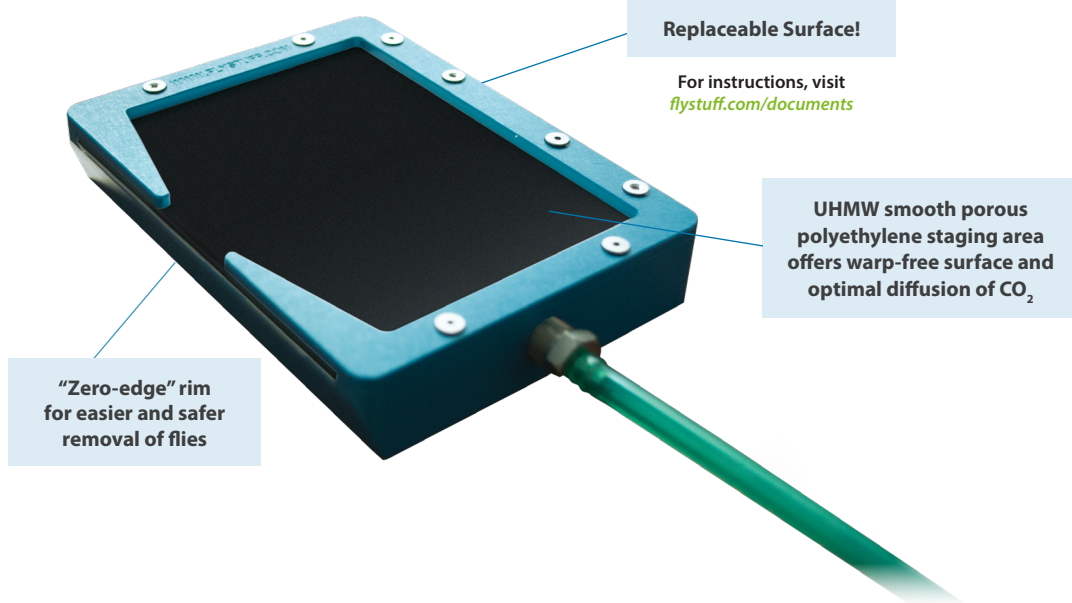
- Includes a 5 year warranty with a 90-day full refund return policy
- Available in 3 sizes to fill either a full tray of 100 narrow vials, 100 wide vials, or 25 square bottom bottles at a time
- Upgrade your old Droso-Filler with the new post o-rings
- Adjustable back stop for use with nearly all trays

Cat #	Description	Qty / Unit
59-168	Narrow Vial Droso-Filler	1 Filler
59-169	Wide Vial Droso-Filler	1 Filler
59-170	Square Bottom Bottle Droso-Filler	1 Filler

Flypads

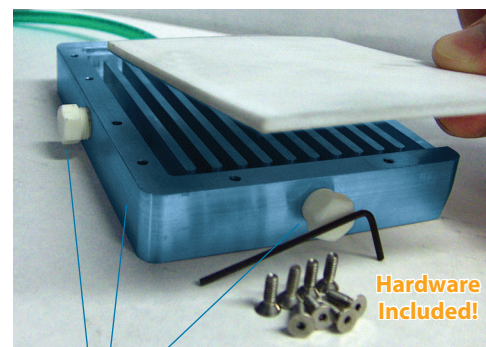
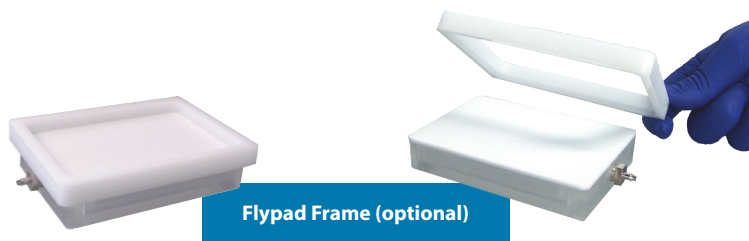
Flystuff® Ultimate Flypad

- Removable metal rim allows for easy replacement of porous plastic
- Metal casing helps reduce static
- Precision routed flow maze ensures optimal, consistent diffusion of CO₂
- 3 input options for unmatched flexibility to best suit your setup
- Zero edge rim makes for easy removal of flies
- Comes with 2 additional replacement pads with pre-applied adhesive



Flystuff® Flypad

The FlyStuff Flypad is the highest quality carbon dioxide flow bed available for *Drosophila* research and is the perfect accessory for your fly work station. This CO₂ apparatus is made of 1/8" UHMW porous polyethylene plastic fused to a 3/4" acrylic base. A precision routed maze runs through the base and assures optimal, consistent diffusion of CO₂ throughout the staging area. The FlyStuff Flypad features a nickel-plated brass-threaded hose barb input that fits 1/8" ID (3mm) tubing (This can be substituted for a that fits 1/4" (6mm) ID tubing upon request).



- 3 input options to best suit your setup
- Metal casing to reduce static
- Easily replaceable pad

Flystuff® Flypads

Cat #	Description
59-114	Flypad, Standard Size (8.1 x 11.6cm)
59-118	Flypad Frame, Standard Size
59-119	Flypad, Large Size (10.1 x 14cm)
59-120	Flypad Frame, Large Size
59-172	Ultimate Flypad with Accessories* (8.9 x 12.4cm)
59-172B	Ultimate Flypad, Black Surface, with Accessories*
59-199	White Surface for Ultimate Flypad, 5 Pads/Unit
59-199B	Conductive Black Surface for Ultimate Flypad, 5 Pads/Unit



Anesthesia

Flystuff® Flowbuddy™ Flow Regulator

The Flowbuddy Flow Regulator adds convenience and precision flow control to any CO₂ Drosophila workstation. Flowbuddies are great for flyrooms with multiple flypads and a single CO₂ source.



Wall-Mount Flowbuddy



Benchtop Flowbuddy Complete

Cat #	Description
59-122B	Benchtop Flowbuddy, Alone
59-122BC	Benchtop Flowbuddy, Complete*
59-122BCU	Benchtop Flowbuddy, Complete* w/ Ultimate Flypad
59-122W	Wall-Mount Flowbuddy, Alone
59-122WC	Wall-Mount Flowbuddy, Complete*
59-122WCU	Wall-Mount Flowbuddy, Complete* w/ Ultimate Flypad

Flystuff® Foot Pedal

- Designed to conserve CO₂ by 500% or more
- Reduce the risk of over-anesthetizing flies
- Saves time & tedium involved in having to frequently change out CO₂ tanks
- Solid brass barbed input and output fit 0.125in I.D. tubing



Cat #	Description
59-121	Flystuff Foot Pedal
59-121C	Flystuff Foot Pedal, Complete*
59-121CU	Flystuff Foot Pedal, Complete* w/ Ultimate Flypad

* Flystuff Complete foot pedal system includes: 1 foot pedal; 1 Flypad; 1 Flypad Frame; 5 Feet 0.125in I.D. Tubing; 1 "T" Fitting; 1 blowgun w/ coiled tube & 0.04 x 1.18in needle (0.079 x 1.73in can be substituted upon request.)



Luer lock for needles

Cat #: 54-119N (Actual Size) Cat #: 54-119 (Actual Size) Cat #: 54-119L (Actual Size)

Flystuff Mini Blowgun with Cat #: 54-119L; Long Replacement, needle attached

Visit flystuff.com/flyroom to see recommended fly room setups

Flystuff® Blowgun

The Flystuff pistol grip blowgun offers variable flow control and is lightweight, ergonomic and the perfect complement to any CO₂ anesthetizing apparatus. The output is a 0.04in stainless steel needle tip with a nickel-plated brass base. The needle length measures 1.18in in length (ideal for use with cotton, rayon or Flugs). The barbed input is a solid brass 0.125in I.D. and fits our standard size tubing.

Cat #	Description
54-104	Flystuff Blowgun
54-104M	Flystuff Blowgun Mini
54-119	Replacement Needle, 0.04 x 1.18in
54-119L	Replacement Needle, 0.079 x 1.73in
54-119N	Luer Lock Adapter

Accessories



Cat #: 59-210 Flow Control Fitting for Flypad



Cat #: 59-178 Tube Reducer



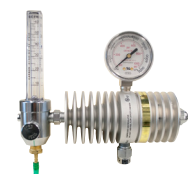
Cat #: 59-140 Hose-to-Hose Connector



Cat #: 59-125 Coiled Tube, Green



Cat #: 59-124G Green Tubing



Cat #: 59-143 Design prevents ice buildup/freezing!

Cat #	Description
59-124C	Clear Tubing, 1ft (30.5cm)/Unit
59-124G	Green Tubing, 1ft (30.5cm)/Unit
59-125	Green Coiled Tube, 3ft (91.4cm)
59-209	Flow Control Fitting for Blowgun
59-210	Flow Control Fitting for Flypad
59-123	"T" Fitting
59-179	3/16in (4.75mm) Tube Reducer
59-178	1/4in (6.4mm) Tube Reducer
59-140	Hose-to-Hose Connector
59-143	CO ₂ Radiator Regulator/Flowmeter

Microscopy

Flystuff Drosophila Microscope

The Flystuff Microscope has been specially designed by Genesee Scientific as yet another component of the ideal Drosophila workstation.

Superior Optics

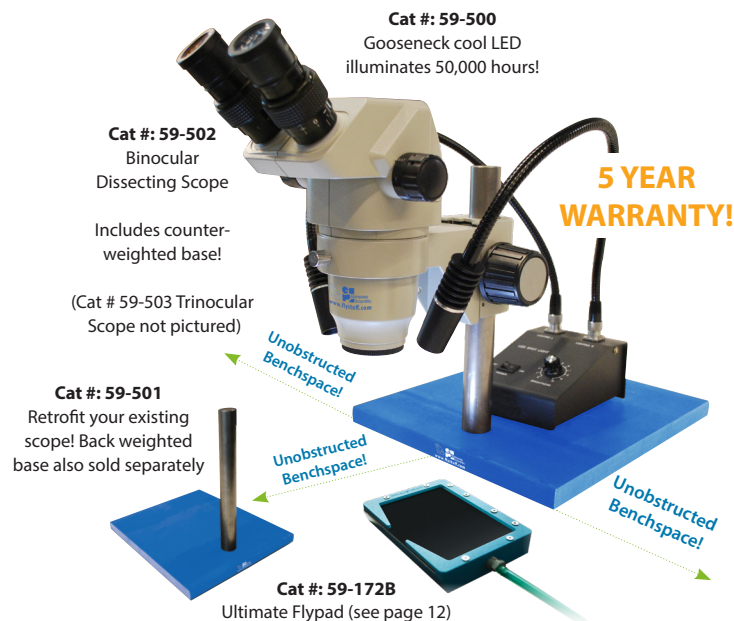
You can expect superior optical performance and a broad magnification range of 6.5X-45X, or 7:1 zoom, to deliver brilliance, clarity, parfocality, flatness, and depth of field. Our optics expose more specimen in field of view with 22mm wide 10X eyepieces.

Minimize Fatigue

Side mounted zoom, low positioned focus controls, and 45° incline allow natural position and reduce stress.

Flystuff Drosophila Microscope

Includes the new, one-of-a-kind scope base which is counterweighted. This feature clears up all obstructions for easiest manipulation of your flypad under your scope. Fits standard 30mm diameter microscope mounts.



Cat #	Description
59-502	Flystuff Binocular Microscope
59-503	Flystuff Trinocular Microscope
59-501	Flystuff Microscope Base
59-500	LED Light Source, Dual Gooseneck

Halocarbon Oil

Synonym: polychlorotrifluoroethylene (PCTFE)

Halocarbon oil allows free diffusion of oxygen, has low viscosity, and thus prevents dehydration and hypoxia. With a refractive index similar to glycerol, halocarbon oil also has good optical properties for imaging. It also provides a good environment for injection and is particularly useful for long-term imaging of embryos.

Cat #	Description	Qty/Unit
59-131	Halocarbon 700* Oil	50ml
59-132	Halocarbon 700* Oil	2 x 50ml
59-133	Halocarbon 27* Oil	50ml
59-134	Halocarbon 27* Oil	2 x 50ml

* Kinematic Viscosity (Centistokes@100°F, 37.8°C)



Mite Control

Mite Spray™

Our proprietary formulation is designed for easy spray-on-wipe-off use. A heavy duty foaming action sprayer produces a foam to optimize the exposure of mites to the spray. Available in a convenient spray bottle and refills.

- Kills Tyrophagus putrescentiae
- Spray on affected surfaces and wipe or rinse clean
- Active Ingredients: Isopropanol, Ethyleneglycol Monoheylether

Cat #	Description	Qty / Unit
59-130	Mite Spray, 975ml w/ Foaming Sprayer	1 Kit/Unit
59-130R	Mite Spray Refill, 975ml	1 Bottle/Unit



Lab Consumables

More than just Flystuff...

T-GEN™ Biodegradable Nitrile Gloves

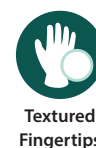
The future of gloves is here.

The T-GEN biodegradable nitrile glove is designed to take sustainability, protection, and comfort to the next level. With your help, Genesee Scientific is becoming more socially responsible and sustainable.



Cat #	Qty
44-106*	10 Boxes of 200 Gloves/Unit

*Add XS, S, M, L, XL to the end of the Cat # to specify size



Barrier Pipet Tips

- Low binding surface technology eliminates sample hold-up
- Color-coded tray insert cards for quick and easy identification on the bench
- Tip inserts are flush with the tray to allow offset and multi-channel pipetting
- Racks can withstand multiple autoclave cycles
- Racks and reload inserts are 100% recyclable polypropylene
- Certified RNase, DNase, Nucleic Acid, and Pyrogen-FREE



Barrier Pipet Tips

Cat #	Description	Qty/Unit
23-400	0.1 - 10µl Standard	10 x 96 Tips
23-401	0.1 - 10µl Reach	10 x 96 Tips
23-404	1 - 20µl Standard	10 x 96 Tips
23-407	1 - 100µl Standard	10 x 96 Tips
23-412	1 - 200µl Standard	10 x 96 Tips
23-417	1 - 300µl Standard	10 x 96 Tips
23-430	100 - 1,000µl Reach	8 x 96 Tips

Barrier Pipet Tips, Case Quantities

Cat #	Description	Qty/Unit
23-400C	0.1 - 10µl Standard	50 x 96 Tips
23-401C	0.1 - 10µl Reach	50 x 96 Tips
23-404C	1 - 20µl Standard	50 x 96 Tips
23-407C	1 - 100µl Standard	50 x 96 Tips
23-412C	1 - 200µl Standard	50 x 96 Tips
23-417C	1 - 300µl Standard	50 x 96 Tips
23-430C	100 - 1,000µl Reach	40 x 96 Tips

HAVE A SMALL LAB?
TC Lite bundles include less products.

GenClone® Plate/Flask Bundle



Description	Cat# 25-300	Cat# 25-300L
	Qty. in Bundle	Qty. in Bundle
5ml Serological Pipets, Individually Wrapped	Qty. 2,000	Qty. 1,000
10ml Serological Pipets, Individually Wrapped	Qty. 2,000	Qty. 1,000
25ml Serological Pipets, Individually Wrapped	Qty. 1,000	Qty. 600
15ml Centrifuge Tubes, Racked	Qty. 1,500	Qty. 1,000
50ml Centrifuge Tubes, Racked	Qty. 1,500	Qty. 1,000
6-Well TC Treated Plates, Individually Wrapped	Qty. 200	Qty. 100
T75 TC Treated Flasks, 250ml, Vent Cap	Qty. 200	Qty. 100
500ml Vacuum Filtration Systems, PES, 0.22µm	Qty. 12	Qty. 12

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2024 Commission Artwork Winner



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Starry Flight, Digital