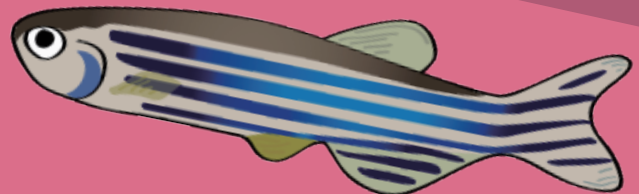


GENDANIO

AQUACULTURE-BASED RESEARCH SOLUTION

ZEBRAFISH

HOUSING SYSTEMS



AQUACULTURE RESEARCH SYSTEMS

Introduction

In response to the rise of marine biotechnology, there are many demands for researcher to set a fish animal model, especially in zebra fish. Depending on needs, our company not only can build and set the aquatic system, but also help to establish aquatic animal model as zebrafish. In recirculating aquaculture system(RAS), it can repeat the large numbers of experimental groups under the smallest unit area. It is easy to operate, take care of marine animals and, do aquatic experiment. Our products are customized and optimized especially in researchers.

Features and Benefits

01. Shelves- Aluminium alloy

- Light 、 corrosion resistance 、 non-toxic and longer using.
- The open frame design allows maximum visibility.
- Easy to install, it can be reduced or extended based on space.
- the water supply system and drainage system are made by upvc and acrylic material.
- High-quality control valve, easy to adjust water flow in each tank.
- The gas supply system is made by upvc material. It can be adjusted independently.

02. IP65 Electronic Control Box

Fully waterproof, dustproof and easy to operate and observe. Control pump and filtration system, UV sterilization lamp, flow alarm detection and light systems.



IP65 controller box

Main pump
Air pump
LED
UV sterilizer
Timer
Alarm

Optional
pH/Temp/ORP/EC/DO monitor

03. Magnetic Drive Pump

- Horizontal pumping motors
- 1/6~1/2HP, 110V/60Hz, 220V/50Hz
- Diameter:1"
- Flow rate:70-110 L/min

04. Nitration and Biofilter Groove

- It is made by PP material, especially for drug screening or non-toxicity test.
- Biochemical filter cotton or medium is optional.
- In low water level, the pump will automatically power off to prevent dry pumping.



Features and Benefits

05. Light

- Thin LED lights.
- HxW=1.5CM x 3CM
- Timer is in the control box. It easily set up light cycle time.

06. Ultraviolet Sterilizers

Quartz glass protects the outer tube and avoid the contact with water. A single channel only flow through the UV lamp. It can work 24 hours and easy to maintain.

07. Pipe Tank

- Most common in the world.
- Suitable for feeding alone in toxic testing.
- Made by polycarbonate (PC)
- Tank size:1.5L, 3L and 10L



1.5L



3L



10L

08. Pipeless Self Cleaning Tank

- Flexibility ergonomic, autoclavable polycarbonate tanks (4L and 8L sizes), lids and baffles.
- Made by polycarbonate (PC) , it is for FDA approval food grade and tank can be sterilized by high-pressure steam.
- Water surface defoam function.
- Direct piped water can mix well with air.
- Circulation every 7 to 10 minutes can clean the excrement effectively.



4L



8L

09. Filter media

Magnesium Ion Filter 、Far Infrared Rays Filter 、Anion Filter 、Quartz Ring 、Carbon is optional.



HOT PRODUCTS

5-Shelf Double-Sided Zebrafish System



521 Series (Hot)
CL: L171 D76 H228 cm
AZ: L176 D85 H228 cm



5-Shelf single-Sided Zebrafish System



501 Series (Hot)
CL: L171 D36 H228 cm
AZ: L176 D40 H228 cm

4-Shelf single-Sided Zebrafish System



401 Series (Standard)
CL: L171 D36 H198 cm
AZ: L176 D40 H198 cm

3-Shelf Single-Sided Zebrafish System



303 Series (Mini & Basic)
CL: L120 D36 H168 cm
AZ: L120 D40 H168 cm

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Cluster Zebrafish System