

Zeb Home

Zebrafish Housing System



Aquatic / Zebrafish housing system (Zeb Home)
Manufactured by : Yogi Biotech INDIA



YOGI BIOTECH INDIA





Quality manufacturing

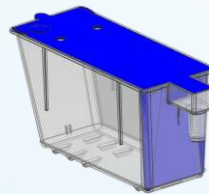
Yogi Biotech India introduce **Indigenous** aquatic solution for Zebra Fish "**Zeb Home**" Housing System. We have in house manufacturing unit and manufacturer most of aquatic housing parts from the finest material and design aquatic housing systems, allows excellent usability for Stand Alone and Multiple rack configurations. All components are process, inspected throughout an inspection. This ensures a quality & durable system that meets our high standards and provide you complete satisfactory.

Rack

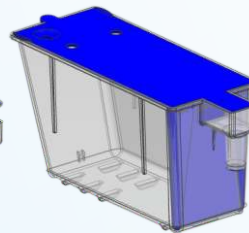
Yogi Biotech India construct a Rust free 304/316L SS (Stainless Steel) rack. The frame designs allow maximum visibility and easy to reach at every component. The water delivery and drainage system are easily removable for cleaning and maintenance. Water flow is precisely controlled by individual valves for tank and row, allowing a variety of flow rates to individual tanks and row. Drain troughs and piping are constructed from clear PVC for convenient monitoring of wastewater flows.

Polycarbonate Tanks (Autoclavable*)

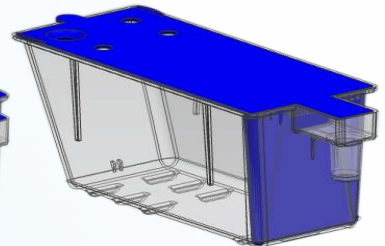
Yogi Biotech India designs tanks on **Self Cleaning Technique** by food grade Polycarbonate Autoclavable material, and available in size 1.6, 3.2 and 10 Liter with Lid and Baffles. The tank floor, channeling solids to the rear of the tank there water forces to flow along the removable baffle tank bottom carrying the solids up and out of the overflow port of the tank.



1.6 Liter Tank



3.2 Liter Tank



10 Liter Tank

5 Stage Filtration

Biological Filtration: Moving Bed Biological Filtration by MBBR Media, fluidize as it becomes hydrate and colonized by bacteria.



UV Sterilizer: Housing of sterilizer made by 304/316L SS enhance service life with high power UV sterilizer disinfect the recirculating water from bacteria and microorganisms.



Chemical Filtration: Chemical Filtration by Activated Granular Carbon adsorbs volatile organics and other chemical from the water.



Mechanical Filtration: At two stages mechanical filters remove solid particle from the water at 1st stage by 100 micron washable bag filter and 2nd stage 50 micron cartridge filter. Washable Dacron pad filter also enhance the 50 micron filter cartridge life which **Reduce running cost of the system.**





EDU Series

Model : EDUXXXXX/EC/S

Features

- ▶ Electronic controlling System
- ▶ Washable Dacron pad filtration (100μ) at 1st stage (enhance 50 micron filter life)
- ▶ Five stage filtration
- ▶ Rust free 304/316L SS frame / (Powder coated optional)
- ▶ Degassing and aeration by added oxygen (air pump with diffusers)
- ▶ LED display
- ▶ Filters bypass valve
- ▶ Automatic water exchange
- ▶ Auto Off on low water level
- ▶ Auto Restart
- ▶ One to Two Shelf Systems



STD Series

Model : STDXXXXXXXX/MC/310

Features

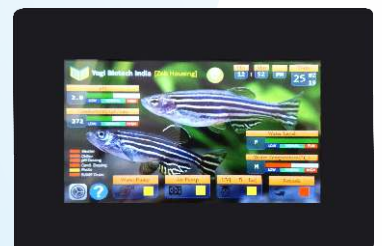
- ▶ TFT Display with Touch Screen
- ▶ Intelligent controlling System
- ▶ Washable Dacron pad filtration (100μ) at 1st stage (enhance 50 micron filter life)
- ▶ Five stage filtration
- ▶ Rust free 304/316L SS frame / (Powder coated optional)
- ▶ UV Hr. counter with alarm
- ▶ Degassing and aeration by added oxygen (air pump with diffusers)
- ▶ Filters bypass valve
- ▶ Heater / chiller controls
- ▶ Automatic water exchange
- ▶ Auto Off on low water level
- ▶ Auto Restart
- ▶ Three to Five Shelf Systems



TFT Touch Display

TFT Touch Display displays controls parameter and has protected setting of water Temperature/chiller limit, water refresh limit (timer), UV Hr. counters etc with visual status.

TFT Touch Display displays control's position like Pump on, Water temperature, Refresh timer, UV Hr. and alarms etc.



ZTEC Series

Model : ZTEC/XXXXXXXX/MC/310

Features

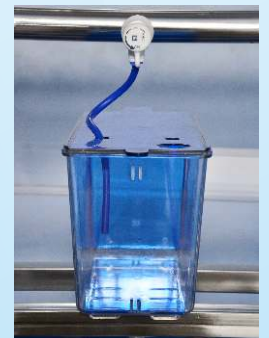
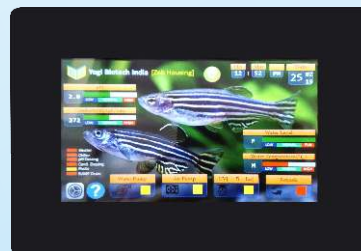
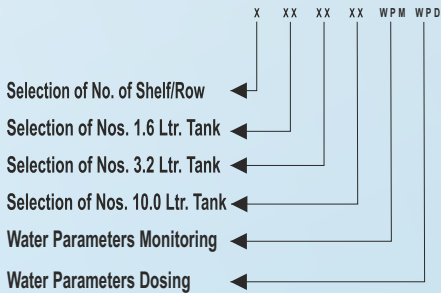
- ▶ TFT display with touch screen
- ▶ Intelligent controlling System
- ▶ Washable Dacron pad filtration (enhance 50 micron filter life)
- ▶ Five stage filtration
- ▶ Rust free 304/316L SS frame / (Powder coated optional)
- ▶ UV Hr. counter with alarm
- ▶ Degassing and aeration by added oxygen (air pump with diffusers)
- ▶ Filters bypass valve
- ▶ Heater / chiller controls
- ▶ Automatic adjustable water exchange
- ▶ Auto Off on low water level
- ▶ Auto Restart
- ▶ Three to Six Shelf Systems



Specification

Series	EDU Series	STD Stand-Alone Series	ZTEC Series
Model No.	EDUXXXXX/MC/S	STD/XXXXXXXX/MC/WPM/WPD	ZTEC/XXXXXXXX/WPM/WPD
No. of Shelf	1, 2	3, 4, 5 WPM/WPD	3, 4, 5, 6
Zebra Fish Tank	1.6, 3.2 Liter	1.6, 3.2, 10.0 Liter	1.6, 3.2, 10.0 Liter
Five Stage Filtration	✓	✓	✓
Water refresh	✓ (Adjustable)	✓ (Adjustable)	✓ (Adjustable)
SS 316 UV Housing	✓	✓	✓
Degassing by added Oxygen	✓	✓	✓
Display	Visual LED	TFT color with Touch	TFT color with Touch
Water Temperature Control (Adjustable)	Optional	✓	✓
SMS Notification	✗	Optional	✓
Multi Rack	✗	✗	✓
Water Chiller	✗	Optional	Optional
pH, Conductivity Monitor & Control	✗	Optional	Optional
Photo Period Control	✗	✗	Optional
Automatic Feeding	✗	✗	Optional
Mobile Connectivity * (Android App)	✗	✗	Optional
WiFi Connectivity * (LAN / WAN)	✗	✗	Optional

Model No. Selection



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