

11/Breeding

From our on system breeding capabilities to our four sizes of drain baffles we can take your fish from embryo to adult and back again. The drain baffles are available with a fine net (300-500-800 µm) and in the adult size.

12/Layout and 3D Modeling Services

Layout and 3D modeling services are provided FREE OF CHARGE and add a valuable visual tool to the design process.

TECHNICAL SHEET	
Zebmini (bench-top)	
Dimensions:	1759 x 587 x 1078 (1132 with wheels) mm (W x D x H)
Total tanks (volume):	each rack holds 20 3.5L-tanks or 10 8.0L-tanks or any intermediate configurations (2 3.5L-tanks = 1 8.0L-tanks)
Stand-alone Unit	
Dimensions:	1666.5 x 554 x 2107 mm (W x D x H)
Total tanks (volume):	each rack holds 50 3.5L-tanks or 25 8.0L-tanks or any intermediate configurations (2 3.5L-tanks = 1 8.0L-tanks)
Multiflanking Solutions	
Rack dimensions:	1374 x 419 x 2256 mm (W x D x H)
WTU dimensions:	940 x 1005 x 2114 (1157 with wheels) mm (W x D x H)
Total tanks (volume):	each rack holds 50 3.5L-tanks or 25 8.0L-tanks or any intermediate configurations (2 3.5L-tanks = 1 8.0L-tanks)



Main Accessories

- Complete breeding tank.
- Complete breeding tank (PSU).
- Baffle for adult fish + Baffle with fine net (300 - 500 - 800 µm).
- Artemia Hatchery.
- Divider for 3.5L tank.

Consumables

- Fine mesh pleated cartridge 20 µm or 50 µm.
- Fine mesh cartridge 1 - 5 - 10 - 20 - 50 µm.
- Pre-filter pad for XPWTU002R and XPWTU002.
- Pre-filter bag (100 µm).
- UV bulb for XPWTU001R and XPWTU001 completed with silicone o-ring, quartz sleeve and dedicated spring.

(We maintain a complete inventory of spare parts and consumable items locally to fully support our clients).

Related Products

To maximize operational efficiency and learn more about these products contact your local representative.



Tecniplast aquatic solutions: **Xenopus spp. Housing System** also available



TECNIPLAST

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CAT012/ING - Rev. 07/08



ZEBTEC Zebrafish housing system

Features

- Clean Tank Technology
- Superior Materials
- Unique Technical Features
- User Friendly Design
- Monitoring System with Automated Maintenance Reminders
- Flexibility



"The Tecniplast System guarantees reduced maintenance, improved productivity, and provides an optimal environment".

TECNIPLAST
innovation through passionSM

1/Clean Tank Technology

Utilizing our patented active siphon system along with our special tank shape and color we reduce maintenance needs associated with manual tank siphoning and algae removal.

2/Superior Materials

At Tecniplast we use only the finest materials in the construction of our equipment. Our tanks are designed and molded by us in our factory in Italy allowing us to maintain the highest level of quality control in the industry. In addition to our standard autoclavable polycarbonate, the entire ZebTEC product line is available in polysulfone providing unsurpassed durability and safety.

3/Rack Construction

Ergonomic design provides convenient access to each level. The coated 316L stainless steel rack members provide timeless support to your system.

4/Unique Technical Features

At Tecniplast we designed and developed an innovative solution to water delivery at tank level. Our "push and pull" valve with fine tune flow control prevents accidental water loss and allows for the end user to adjust flow to each tank. When water is delivered the valve locks the tank in the proper position. By pulling the valve up the water flow is stopped and the tank is easily removed. Each valve has a visual indicator which allows the operator to see at a glance if a tank has the proper water flow. Many of our systems come standard with pressure regulation to guarantee consistent flow from 5 WCH to a steady drip and everything in between.

5/Optimal Water Quality

The correct management of a recirculating system is able to guarantee safe and consistent water quality levels, which are directly related to the health of your animals. The ZebTEC system is able to trigger alarms related to pH probe calibration, conductivity probe calibration, temperature, filter replacement, and UV bulb life.

6/Safety and Security

All water quality parameters are constantly displayed 24 hours a day on the touch screen system controller which is standard on all ZebTEC systems. The water parameter settings are password protected to allow only authorized staff access to this important function. Our water change is completed over a 24 hour period to provide the most consistent water quality and avoid sudden changes to the environment. Low level water protection prevents equipment damage and further protects your animals.



Aquatics

ZEBTEC Zebrafish Housing System

Clean Tank Technology 1



Superior Materials 2



Rack Construction 3



Unique Technical Features 4



Optimal Water Quality 5



Safety and Security 6



Flexibility at Tank Level 7



Flexibility at System Level 8



7/Flexibility at Tank Level

The ZebTEC tanks are available in 3.5L and 8.0L sizes. The 3.5L tank comes with the capability to separate the internal space into sections for isolated adult or smaller group housing. Tanks are completely interchangeable throughout the rack at any time without the need for equipment changes.

8/Flexibility at System Level

Tecniplast has the right system to meet your needs today and as you grow tomorrow. From smaller "benchtop" systems to larger serial rack systems you can take advantage of the benefits of our experienced design team. Our life support equipment is contained on independent rack systems reducing equipment vibration to the animal. We provide increased capabilities through our unique Multilinking product. This gives you the ability to expand your housing as needed! At the heart of our Multilinking system is the innovative Water Treatment Unit (WTU).

9/Easy Maintenance

Replacement of filters no longer requires the operator to shut the system down. Each system is provided with a bypass valve to allow the operator to quickly and easily complete routine maintenance. This bypass valve redirects water around the mechanical and chemical filtration areas directly to the UV unit. This quick and easy process requires no special tools and prevents water loss.

10/Easy to Handle Tanks

Our tank system brings together great performance, reduced maintenance and ingeniously simple design. Each tank system can be easily disassembled into five basic parts (tank, lid, baffle, siphon, and siphon spring) for cleaning or storage. Of course both housing tanks and breeding tanks can be nested for space saving storage!

Easy Maintenance 9



Easy to Handle Tanks 10



Tanks can be nested for space saving storage