

11/Breeding

From embryo to adult and back again: the Zebtec system's breeding facility capabilities are quite unique and, one that you can rely on. That's why you will find that the drain baffles are available with a fine net (300-500-800 µm) and in the adult size too.

12/Layout and 3D Modeling Services

For your absolute convenience layout and 3D modeling services are provided FREE OF CHARGE and add a valuable visual tool to the design process, thanks to our team of experts always on hand.

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)
Multilinking 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)

Breeding 11



Layouting and 3D Modeling Services 12



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).

For more information or to discuss the Zebtec System simply contact a member of our expert team (see details below).

Related Products

To maximise 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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A part of the TECNIPLAST family of companies

ZEBTEC

Zebrafish housing system

- Clean tank technology: saving you time and money, and less stress for the fish!
- Water you can rely on: reliable environments equals reliable science.
- Superior materials
- Unique technical features
- Ease of use, saving time for your technicians
- Monitoring system with automated maintenance reminders
- Greater flexibility within your facility



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

TECNIPLAST
innovation through passionSM

1/Clean Tank Technology

Reducing maintenance and saving you money! You will find that by utilising our patented unique active siphon system along with the special tank shape and colour, the maintenance required is significantly reduced, unlike other manual systems that use manual tank siphoning and algae removal, saving you time and money.

2/Superior Materials

Commitment to quality, giving you complete peace of mind. Our commitment to quality means that at Tecniplast you will find we use only the finest materials in the construction of our equipment. Our tanks are designed and moulded in house by us in our factory in Italy. This allows us to keep control and maintain the highest level of quality control in the industry; each tank must be exactly the same to produce reliable accurate results. What's more in addition to our standard autoclavable polycarbonate, you will find that the entire ZebTEC product line is available in polysulfone plastic providing unsurpassed durability and safety.

3/Rack Construction

Great ergonomic design is always a priority and that's why each rack has been carefully constructed with convenient access to each level for you. The coated 316L stainless steel rack members provide timeless support to your system.

4/Unique Technical Features

Inspired by you: 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

Guaranteeing safe and consistent water quality is paramount to the health of your animals, after all poor water quality can have devastating consequence on your animal not to mention the validity of your results. That's why The ZebTEC system is able to trigger alarms related to pH probe calibration, conductivity probe calibration, temperature, filter replacement, and UV bulb life, for peace of mind and absolute satisfaction.

6/Safety and Security

For your absolute reassurance and control you will find that 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 authorised staff access to this important function. What's more the water change within the Zebtec system is completed over a 24 hour period to provide the most consistent water quality and avoid sudden changes to the environment, for the health and happiness of its inhabitants! Low level water protection prevents equipment damage and further protects your animals.

AQUATIC SOLUTIONS

A part of the TECNIPLAST family of companies

ZEBTEC
Zebrafish Housing System

Clean Tank Technology



Superior Materials



Rack Construction



Unique Technical Features



Optimal Water Quality



Safety and Security



Flexibility at Tank Level



Flexibility at System Level



7/Flexibility at Tank Level

Giving you greater flexibility: you will find that 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, so that you can control the environment according to your study.

8/Flexibility at System Level

From smaller benchtop systems through to larger serial rack systems Tecniplast has the right system to meet your needs, not only today, but as you grow. Our team of design experts offer a wealth of experience so you can be sure you are in safe hands. You will find that the life support equipment has been contained on independent rack systems reducing equipment vibration to the animal which is crucial for the welfare of the animal and ultimately the end result. There are also various options to give you greater flexibility such as the unique multilinking system which means that you have the ability to expand the housing when you require. Beyond this though, at the heart of this innovative system you will find the unique Water Treatment Unit (WTU).

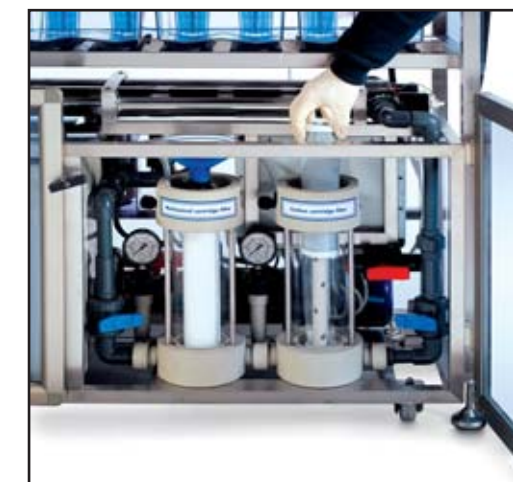
9/Easy Maintenance

Maintenance is crucial to ensure your system's reliability, so with this in mind replacement of filters no longer requires the operator to shut the system down, which ensures a quicker and easier process for your team. Each system is provided with a bypass valve to allow you and your team 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

Bringing together great performance, reduced maintenance and ingeniously simple design, the Zebtec tank systems couldn't be easier! Each tank system can be easily disassembled into five basic parts (tank, lid, baffle, siphon, and siphon spring) for cleaning or storage within your facility, and of course both housing tanks and breeding tanks can be nested for space saving storage!

Easy Maintenance



Easy to Handle Tanks



Tanks can be nested for space saving storage