

Aquatics

Xenopus and other amphibian spp. housing system

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



 **enopLus**

*"The Tecniplast System guarantees reduced maintenance
and provides an optimal environment".*

 **TECNIPLAST**[®]
*innovation through passion*SM

1/Superior Materials

At Tecniplast we use only the finest materials in the construction of our equipment. Our equipment is designed and manufactured by us in our factory in Italy allowing us to maintain the highest level of quality control in the industry.

2/Rack Construction

Ergonomic design provides convenient access to each level. The coated 316 L stainless steel rack members provide timeless support to your system. Each shelf is equipped with dark bottom and dark top for the best animal welfare.

3/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. Each valve has a visual indicator which allows the operator to see at a glance if a tank has the proper water flow or is static. Many of our systems come standard with a unique pressure equalizer to guarantee consistent flow at each tank level.

4/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 XenopLus system is able to trigger alarms related to the main chemical and physical water quality parameters, pH probe calibration, conductivity probe calibration, filter replacement, and UV bulb life.

5/Safety and Security

All water quality parameters are constantly displayed 24 hours a day on the touch screen system controller which is available on all XenopLus 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.

6/Flexibility at Tank Level

The XenopLus tanks are available in 13.4L and 27.0L sizes. Each tank meets or exceeds housing guidelines while providing excellent design features. Tank color provides optimal environment for animal health, reduces algae growth, and the smooth corners help prevent injury. Tanks are easily accessed while on system through the sliding lid feature. Internal standpipe design allows for routine debris removal and easy tank draining while on system. Each tank is capable of accommodating all life stages with available drain attachments (drain cover).

7/Flexibility at System Level

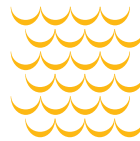
Tecniplast has the right system to meet your needs today and as you grow tomorrow. From Stand Alone systems through larger serial rack systems you can take advantage of the benefits of our experienced design team. Our life support equipment is contained on independent rack systems reducing equipment 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). Systems are available with integrated chiller and/or heating units reducing overall floor space needs and expanding your environmental parameter options.

8/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. The unique filter body design is the only one which allows for great reduction of water spillages while changing the filters. No tools are needed anymore.

9/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. Ask for your facility layout now, from a simple stand-alone to multiple racks system!



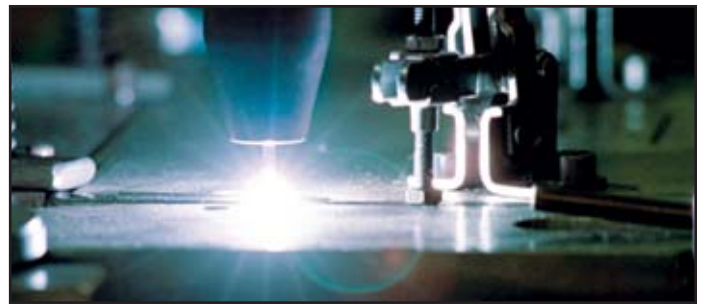
Aquatics

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Superior Materials



Rack Construction



Unique Technical Features



Optimal Water Quality



Safety and Security

5



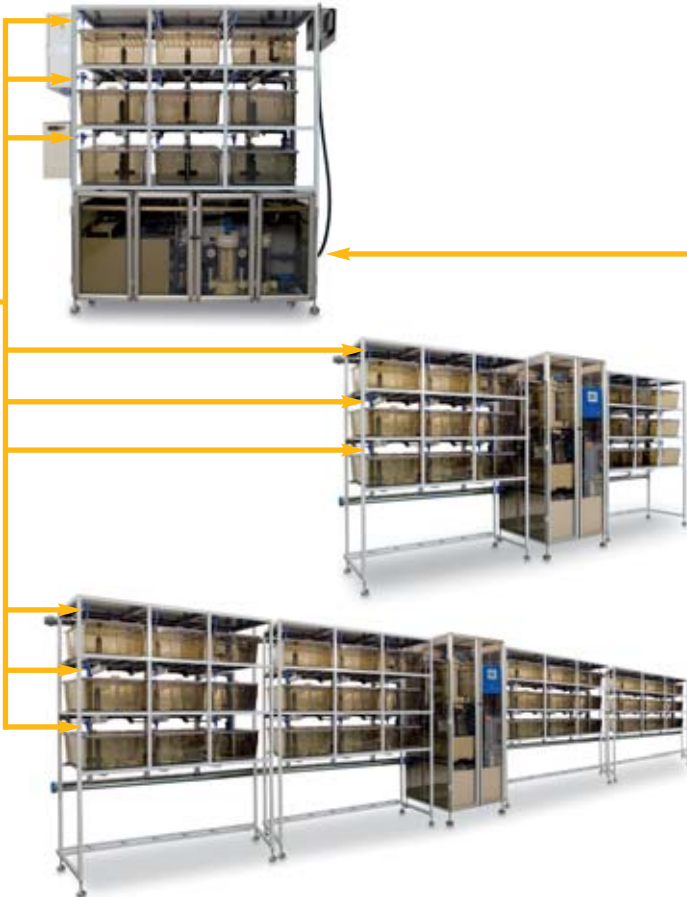
Flexibility at Tank Level

6



Flexibility at System Level

7



TECHNICAL SHEET

Stand Alone Unit (9 tanks)

XP09B100SACP (W x L x H) - mm / inch:
806 x 1816 x 1876 (1914 with castors) / 31.75 x 71.46 x 73.86 (75.35 with castors)

Stand Alone Unit (12 tanks)

XPF12B100SACP (W x L x H) - mm / inch:
665 x 1816 x 1876 (1914 with castors) / 26.16 x 71.46 x 73.86 (75.35 with castors)

Multilinking Rack (9 tank rack)

XP09B100CP (W x L x H) - mm / inch:
725 x 1520 x 1876 (1914 with castors) / 28.54 x 59.84 x 73.86 (75.35 with castors)

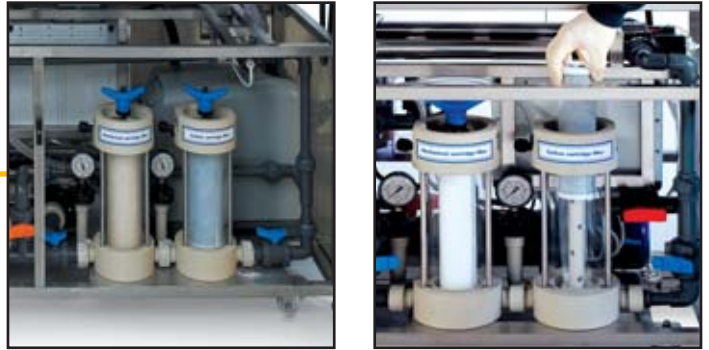
Multilinking Rack (12 tank rack)

XPF12B100SACP (W x L x H) - mm / inch:
600 x 1520 x 1876 (1914 with castors) / 32.62 x 59.84 x 73.86 (75.35 with castors)
XPWTU001R (chilled)* (W x L x H) - mm / inch:
940 x 1067 x 1967 (2010 with castors) / 37.00 x 42.00 x 77.44 (79.15 with castors)

*available also as XPWTU001 (without chiller)

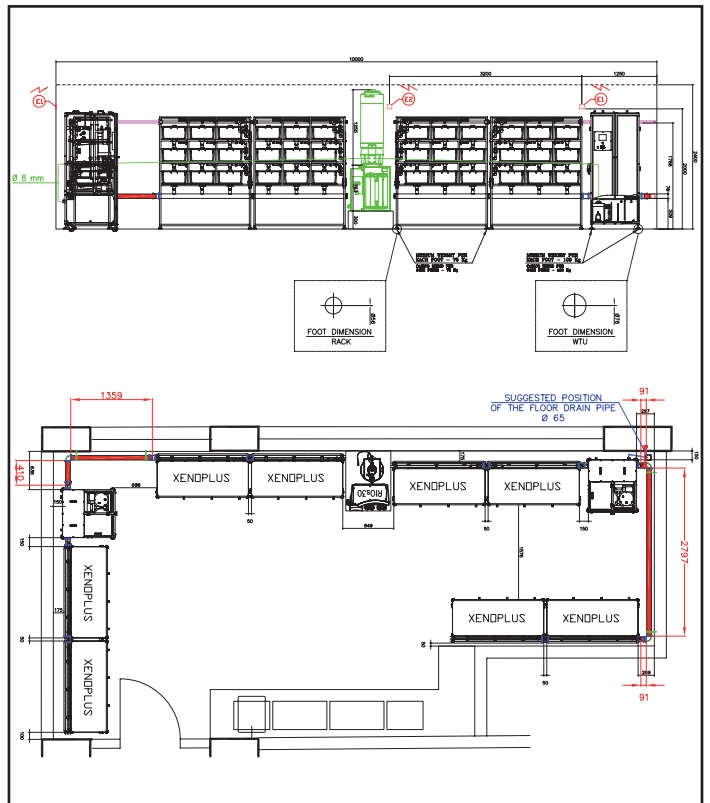
Easy Maintenance

8



Layout and 3D Modeling Services

9



At Tecniplast we realize that your time is important. Throughout our global bases we maintain a complete inventory of spare parts and consumable items to fully support our clients and reduce potentially dangerous costly time delays in response and delivery.

Options

- Rack (Stand alone and Multilinking) with sliding system for tanks.

Accessories

- Drain Cover.

Consumables

- Pre-filter pad for Multilinking configuration (30 per pack).
- Pre-filter pad for Stand-Alone racks (30 per pack).
- Fine mechanical cartridge (MB), 20 µm (40 per pack).
- Fine mechanical cartridge (MB), 50 µm (40 per pack).
- Fine mechanical cartridge pleated, 20 µm (50 per pack).
- Fine mechanical cartridge pleated, 50 µm (50 per pack).
- Activated carbon bags for Stand-Alone racks (12 per pack).
- Activated carbon bags for Multilinking configuration (6 per pack).
- UV bulb for Multilinking configuration.
- UV bulb for Stand-Alone racks.
- "Instant Ocean" Synthetic Sea salts (Net weight 2 Kg).
- "Instant Ocean" Synthetic Sea salts (Net weight 4 Kg).
- "Instant Ocean" Synthetic Sea salts (Net weight 25 Kg).

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

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

TECNIPLAST

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ISO-9001 - Cert. n° 0875



ISO-14001 - Cert. n° 0256A/0



Related Products

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



Tecniplast aquatic solutions: **ZEBTEC Zebrafish housing system** also available.



650 Series Cabinet Washer. High throughputs rates, short cycles and environmental friendly.

