



ATLANTIS

**A NEW BENCHMARK IN
OPERATIONAL EFFICIENCY...**

- GREATER PERFORMANCE
- GREATER FLEXIBILITY
- GREATER THROUGHPUT
- GREATER ENERGY SAVINGS

 **TECNIPLAST®**

THE NEW BENCHMARK FOR OPERATIONAL EFFICIENCY, FLEXIBILITY, AND MODULARITY

GREATER EFFICIENCY. Atlantis incorporates IWT's validated washing and rinsing technologies to become the most innovative, efficient, and flexible cage and rack washer in the market.

When compared to the A-Class 900GP, Atlantis offers even more:

- 10% increased throughput with no extra water or energy intakes.
- 50% increased total water force impact for effective cleaning.
- 10 to 20% less footprint requirement.

GREATER FLEXIBILITY. Atlantis comes in three configurations depending upon chamber size, operational performance, applications and optional features: **EASY, EVO, and XL.**

GREATER MODULARITY. The Atlantis product line responds to the top valuable and desirable features of the most frequent building constraints, making the job easier for lab planners, architects, and project managers:

- OPTIMIZED FOOTPRINT AND UTILITIES REQUIREMENTS
- FUNCTIONAL WORKING SPACE FOR DAILY OPERATIONS
- SHALLOWEST PIT
- EXHAUST DUCT-FREE CONFIGURATION (OPTIONAL)

Among other conveniences, Atlantis **EVO** requires only a 4-inch (100mm) deep pit. Atlantis **EASY** can be installed and operated between solid walls with complete frontal access for maintenance and service. Ask for details.

ATLANTIS' FLEXIBILITY AND MODULARITY simplifies installation eliminating headaches caused by undesired challenges during architectural planning and project development.

BETTER YET! OPTIONAL ENERGY-RECOVERY SYSTEM AND EXHAUST-FREE CONFIGURATION*. Atlantis is the first rack washer in the market integrated with a patented on-board exhaust conditioning configuration which eliminates the need of a dedicated duct. The system captures the energy dissipated into the chamber or inside the room and utilizes it to preheat the rinsing water and cool down the environment.

Some of the benefits are:

- Faster heating in between cycles
- Reduced steam consumption
- Lower CO₂ emissions into the environment
- No cost associated to exhaust duct and easier installation
- Reduced HVAC needs



(* With potentially more than 130,000 lbs (60,000 Kg) of steam savings per year, your ROI would be around three years.

GREATER PERFORMANCE, GREATER THROUGHPUT, WITH NO ADDITIONAL WATER AND ENERGY INTAKES

D-BOX®: TURN-KEY DECONTAMINATION SOLUTION MADE SIMPLE

Atlantis can be equipped with a built-in hydrogen peroxide vapor generator combined with a fast aeration kit and a catalytic carbon filter, for the safest and simplest decontamination process. Some of the benefits of the D-Box® are:

- Enhanced H₂O₂ distribution throughout the chamber
- Safe and rapid decomposition at the end of the cycle
- No need of a separate exhaust duct to evacuate the gases
- Faster decontamination cycle

EASY OPERATION WITH SAFETY AND EFFICIENCY IN MIND

Atlantis is equipped with a state-of-the-art HMI, comprising:

- A touchscreen with intuitive and easy-to-use navigation system for simple and efficient day-to-day operation
- Equipment self-start and self-diagnosis
- Data collection and reporting
- Easy set up multi-level password protection
- eMeter™ for utility consumption monitoring
- Mobile app (LiteView™) for remote monitoring and controlling

TECHNICAL SUPPORT AT YOUR FINGERTIPS. Atlantis comes with a built-in TeleService™ package that allows you to perform on-line remote diagnosis, obtain guided assistance, and install software updates and upgrades.

The washing performance of the Atlantis **EASY, EVO, and XL** is independently validated to thoroughly wash **RODENT** cages, large animal cages with racks, IVC racks, bottles, and accessories.

Plus, Atlantis **EVO** utilizes our scrubbing-free patented process, **OxiPlus®**, on demand, to wash and deliver squeaky-clean and residue-free **AQUATIC** tanks.

GRADUALLY GROWING OPERATIONS. Atlantis comes with an unmatched variety of options and accessories, some of which can be easily retro-fitted enabling scalable growth based upon your operational needs and budget.





The **Most Innovative** and **Pioneering** Line of Cage and Rack Washers in the Market.

IWT, a Tecniplast Company, has more than 20 years of experience in the lab animal industry. Its installed base comprises more than 500 cage and rack washers throughout the world, from Western Canada to New Zealand.

Our commitment to the industry leads us to continue our efforts in discovering and developing solutions for rapidly changing trends in the research laboratory arena.

ATLANTIS was born in response to the industry's needs for a more flexible, efficient, and cost effective washing solution, that would not only satisfy the operational aspects of the facility, but also would make lab planning, project management, installation, maintenance and operation easier and more cost effective.

Our group of engineers put their solid expertise and advanced knowledge at play and created what we believe is a solid ground to build on the future. All this was the backbone to engineer and launch ATLANTIS, the most innovative and pioneering line of cage and rack washers.



HOW CAN ATLANTIS IMPROVE YOUR CURRENT AND FUTURE OPERATIONS?

For information about this and more, talk your Tecniplast representative or contact us:

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