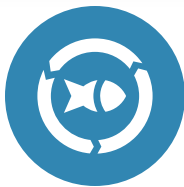




FOUNDED IN 2003

# PRODUCTS CATALOG 2025



**FILTRATION &  
DISINFECTION**



**WATER QUALITY  
CONTROL**



**AQUACULTURE  
TANKS**



**INTEGRATED  
EQUIPMENT**



Aquaculture



Aquatic Research



Public Aquariums



Zoos



Established in 2003, Integrated Aqua Systems, Inc. is an industry leading aquatic life support equipment supplier and systems integrator. IAS consistently delivers high-quality equipment, innovative systems, and services to meet the specific needs of our clients.

- Exclusive North American Distributor for major aquaculture equipment manufacturers
- Channel partner for top brands in the industry
- Complete product range for aquatic applications

## **Original Equipment Manufacturer (OEM).**

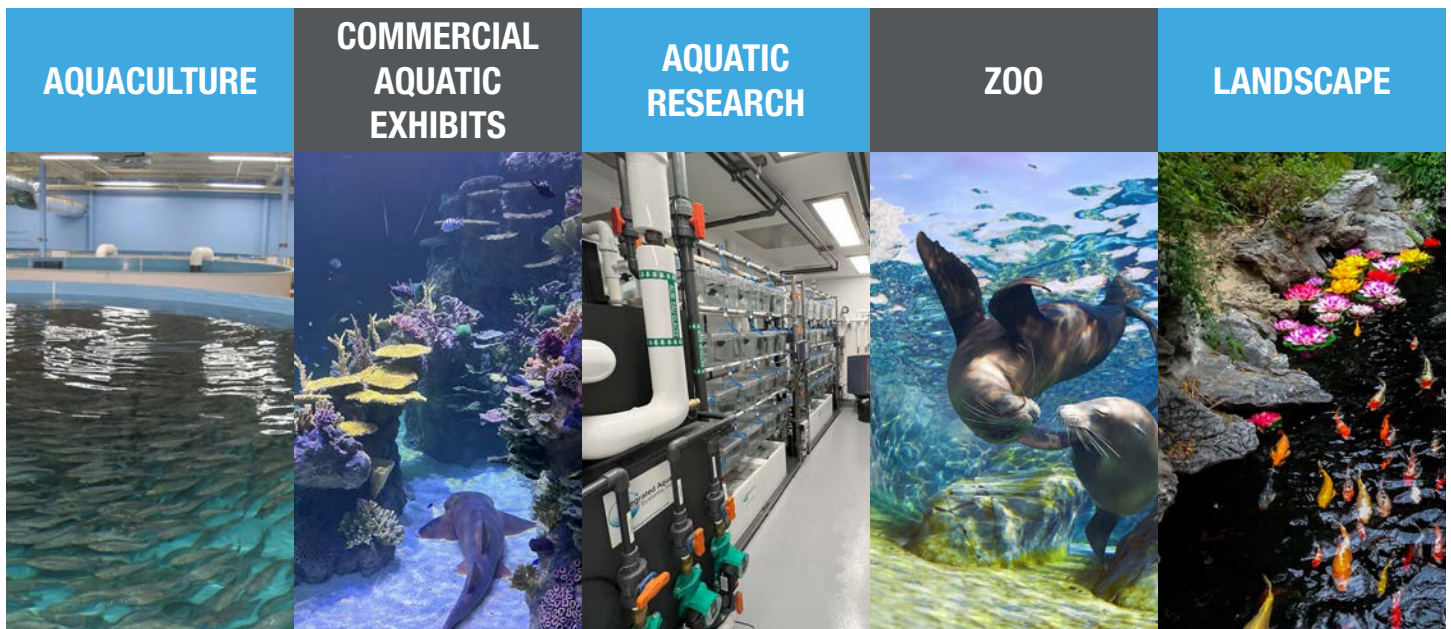
As an OEM we build, assemble, and test our manufactured equipment and systems in our modern industrial facility in Vista, CA. Our manufacturing capabilities include PVC fabrication, metal welding, custom tank fabrication, electrical integration, and wet testing. Our extensive capabilities allow us to meet the highly customized needs of every project.

## **Experienced Technical Sales Team, Field Service & Support**

Our experienced technical sales team works with the top universities, public institutions, state and federal government, private entities, engineering service firms, contractors, and end users to supply the right equipment for the specific application. We provide supporting technical documentation to assist installing contractors



## MARKETS SERVED





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**A Global Leader in Drum Filter  
Manufacturing & Technology**



## CM Aqua HEX Drum Filters

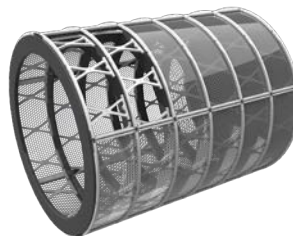
Modern design manufactured with advanced polymer & composite materials and direct drive gear wheel transmission (DDGW). HEX drum filters deliver ultimate performance and corrosion resistance in the harshest saltwater applications.



## X-SERIES Drum Filters

offer maximum performance with least amount of maintenance required.

- Patented Beecell panels with superior filtration capacity.
- Available in complete range of capacities from 50-20,000 gpm+.
- Choose models in tank version, channel, and half-tank for max design flexibility.



## X<sup>24</sup> Click & Snap Panels

Unique engineered panel design has zero metal and makes panel changes super quick and easy!



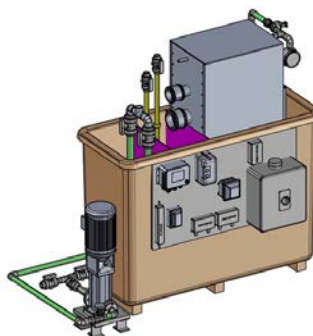
## Drum Filter Control Systems

Turnkey skid-mounted systems built and tested by IAS delivered with drum filter controls, motor controls, rinse pump, and equipment included.



**AquaPLC™** Intelligent drum filter controller manufactured by IAS maximizes drum filtration performance with simple ease of operation.

## IAS Partnership with USA Support



- Full inventory of spare parts and accessories
- Factory trained sales & tech support
- Professional Startup & Commissioning Service





# UV STERILIZERS



**Società Italiana Trattamento Acque**

## SITA UV Sterilizers

Complete range of models with capacity range from 80W to 80KW. Advanced Options including UL Listed control panels with full range of comm outputs, integral UVT sensor, optional manual or automatic wiper assemblies.



## Medium Pressure Designs

Manufactured from high-quality 316L SS. Small footprint and better ROI for high flow rate applications.



## High Output Polyethylene

Series of low-pressure amalgam units welded HDPE construction for saltwater applications. Highly configurable with many options to suit installation requirements.



## A Globally Recognized UV Manufacturer



- S.I.T.A. Srl (Società Italiana Trattamento Acque) High Quality UV Sterilizers Manufactured in Italy since 1982
- ISO 9001:2015 Certified Company
- Over 9,000 units shipped globally every year
- Heavy Duty Industrial Equipment
- 2 Year Standard Manufacturer Warranty
- US EPA UVDGM Point Source Summation + CFD Analysis



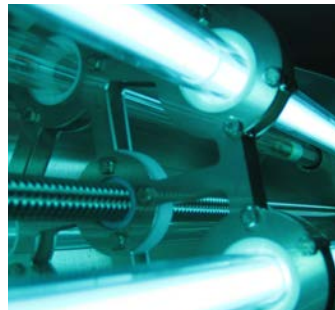
COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001:2008 =



508A industrial control panels

**MADE IN** **ITALY**

## IAS Partnership with USA Support



- IAS Maintains Full Stocked Inventory of Spares & Accessories
- Factory Trained Sales & Tech Support
- **IAS offers FREE UVT Testing** to help clients size and select the right UV sterilizer for the application.





## Media Filters

for sand, glass, or PermaBeads®. Wide product range for maximum design flexibility.

**WATERCO**  
water, the liquid of life



## BioElements Biomedia

High-quality injection molded biomedia with high surface area and neutral buoyancy for best performance. Available in bulk and container loads.



## Permabeads®

A non-clogging, non-channeling, permanent sinking bead media replacement for sand ideal for organically loaded systems.



## BioE™ Biofilters

from IAS are engineered to achieve the desired water quality for the specific application in aquaculture.



## Bag & Cartridge Filters

High-quality commercial filters for polishing, stepped mechanical filtration systems. Sold loose or integrated.

**HAYWARD**



## Disc Filtration Systems

Pressurized stacked disc filters, offering filtration ranges from 5-300 microns. Optional air-assisted backwash provides low water volume loss and minimal pressure requirements. Excellent for influent applications.





# AQUACULTURE TANKS



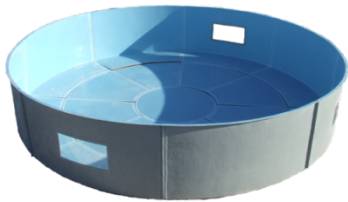
## Rectangular Fiberglass Tanks

Rectangular tanks with options including windows, insulation, support legs, and specialty tanks.



## Fiberglass Trays

Wet tables for aquatic research, stacked tray systems for nursery, and coral propagation.



## Fiberglass Panel Tanks

Available up to 60ft diameter. Ship via standard truck and assembled on site.



## Custom HDPE Tanks

Filtration systems, sumps, specialty tanks.



## Polyethylene Tanks

Rectangular, round, and vertical tanks for specialized aquaculture applications.



## Water Storage Tanks

Vertical HDPE water holding tanks for makeup water, treatment, and storage uses.



# TEMPERATURE CONTROL EQUIPMENT



## Temperature Control

Commercial and industrial chillers, heat pumps, boilers and heat exchangers. Specifically designed for the aquaculture, aquarium, and zoo markets.



## Chillers & Heat Pumps

Available from 1 to 200+ tons for precision temperature control in a wide range of aquatic applications



## Heat Exchangers

including plate and frame, immersion grid, and helical coil. Sold loose or integrated into complete temperature control packages.



## Immersion Electric Heaters

Point of use versatile heaters for stand alone tanks and small systems.



## Heat Exchangers Packages

Integrated temperature control systems including heat exchangers, circulation pumps, valving, and accessories pre-plumbed and skid-mounted.



## Dynamic Temp Controllers

Manufactured by IAS are used in aquatic research to precisely control temperatures dynamically or cyclically.





# OXYGENATION & AERATION



## Regenerative Blowers

High efficiency regenerative blowers designed to meet the rigorous aeration demands for aquaculture and aquatic life support applications.



## Air pumps & accessories

for aeration in fish holding systems, exhibits, aquaculture tanks, and biofilters. Versatile and economical point of use units. 1-12CFM



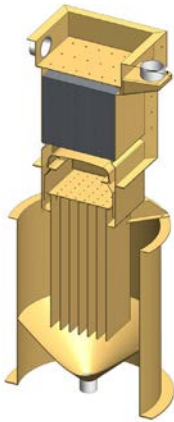
## Oxygen & Ozone Cones

Pressurized Speece cones for high transfer capacity of oxygen or ozone gases. FRP construction with vinyl-ester veil for ozone applications. 15-50psi pressure capacities (non-ASME rated).



## Aeration Diffusers

Economical and effective solution for aeration in aquaculture moving bed biofiltration (MBBR) and aeration applications. Coarse & fine-bubble, 3"-20"Ø



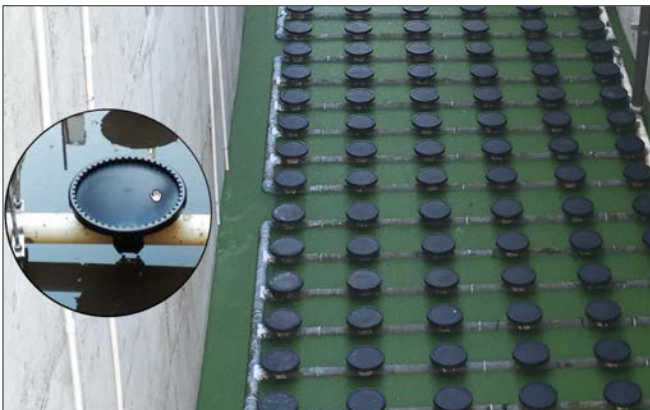
## Gas Control Towers

Pre-engineered FRP gas control towers for aquaculture and commercial aquatic exhibits. Integrated counter-current CO2 stripper stacked over LHO for full gas control.



## Oxygen Generators

PSA and VSA systems available for commercial aquaculture applications. 1kg/hr-250kg/hr+



# INSTRUMENTATION, MONITORING & CONTROLS



## Water Quality Monitoring & Control Systems

from Prominent Fluid Controls. German engineered and US manufactured to the highest standards.

**ProMinent®**

IAS offers Aegis II and Aegis X controller platforms along with high quality sensors, flow cells, and chem feed pumps. IAS supports customers with in-house programming, testing, and technical support. Prominent is a premier choice for versatile monitoring and control equipment to meet the unique requirements in aquatic life support and research applications.



## Instrumentation & Process Controls

Complete range of products designed for saltwater applications including flow meters, liquid level sensors, pressure transducers, gauges, analytical sensors, and transmitters.



## Water Quality Sensors

and instrumentation for pH, temperature, ORP, TGP, dissolved oxygen, flow rate, conductivity, and more.

**+GF+**



## AquaPLC™

Intelligent drum filter controller manufactured by IAS maximizes drum filtration performance with simple ease of operation.



## Inline & Handheld Sensors & Probes

Including oxygen probes, handhelds, process monitors and control. Cloud based control systems for commercial aquaculture.

**OxyGuard®** 





# PUMPS, MOTOR CONTROLS & ACCESSORIES



## Corrosion-Resistant Centrifugal

Pumps manufactured in the USA for highest quality and performance. Saltwater rated available with integral basket strainers and VFD's options.



## Commercial Centrifugal

Cast & Ductile iron construction with Stainless Steel impellers. Closed & flex-coupled configurations, horizontal end suction, & vertical inline types. All range of duty points & options.



## Specialty & Industrial

pumps including mag-drive, submersible, vertical turbine, and booster pumps for drum filter rinse applications.



## Motor Controls

including variable frequency drives (VFD), motor starters, integrated control systems.



# INTEGRATED-AQUA™ FILTRATION SYSTEMS



## B-Series IFM Systems

From 10 to 25 gpm perfect for small exhibits, holding systems, and research. Includes bag filters, integrated biofilter, sump, and accessories.



## TD-Series IFM Systems

Highly efficient gravity-fed filtration systems utilizing TinyDrum® Filter and controller system, offering 26-132 gpm at 25 watts, and pre-installed in engineered sump with integrated biofilter for turnkey installation.

## Recirculating Aquaculture System (RAS)

Pre-engineered systems for aquatic research labs and aquarium holding facilities. Available with complete selection of equipment and options for any size project. IAS pre-assembles the integrated systems and provides documentation to support on-site installation by others.



## X-Series IFM Systems

Pre-engineered mechanical filtration packages utilizing HEX drum filter and IAS drum filter control system pre-assembled in a custom engineered sump for easy installation.



## Perma-Bead® Filtration System

Skid-mounted Permabead® filtration, pumping, and UV disinfection systems for systems from 30 to 85 gpm. Configurable with a complete range of options.





# INTEGRATED-AQUA™ TANK SYSTEMS



## INTEGRATED Culture Modules (ICM)

Multi-tank rack mounted aquaria research systems with integrated life support. Saltwater compatible and available with wide range of options for specialized research applications.



## Hatching & Incubation Systems

Integrated system for fish hatcheries includes hatching jars, nursery aquaria and life support system with precision-controlled flow rate to maintain optimum environment for early fish rearing phase.



## Wet Table Systems

Multi-aquaria wet table system with precision temperature control designed for aquatic research with ocean acidification, hypoxia, and temperature studies



## Environmental Control Systems

Engineered system for precision dynamic control of water conditions including temperature, oxygen, pH, and salinity. Advanced monitoring, control, alarm, and datalogging included for a complete aquatic environment research solution.



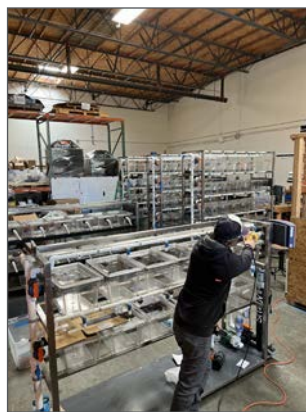
## Makeup Water Systems

Pre-engineered makeup water systems for aquatic labs. Freshwater and saltwater systems available to support facility lab water requirements.



## Temperature Control Systems

Pre-engineered systems designed to precisely maintain temperature in multiple aquatic lab systems. Dynamic, cyclical, and static temperature controllers available for maximum research flexibility.





**arvotec**

# FEEDING SYSTEMS

**A Global Leader in Automatic Feeder  
System Design & Manufacturing**



## Aquaculture Feeding Systems

IAS offers the complete line of Arvotec equipment & systems for small to large-scale industrial projects.

IAS stocks a full inventory of spare parts and provides technical sales, service, and support to our customers.



## Tank Feeding Systems

TD2000 electric automatic feeders are the aquaculture industry standard. Static tank mounted units with wide range of hopper sizes, spreaders, controls & accessories.



## Robot Feeding Systems

Facility-scale automatic feeding systems with precision delivery to the tank. Available with auto-refill systems and cloud-based controls.



## Microfeeders

For micro diet dispersion in early phase fish hatching and rearing. Available with wide range of drum sizes, mounting options, mixers, and spreaders to optimize feeding efficiency.



## ArvoPRO Cloud-Based Control

For advanced aquaculture projects with remote feeding capability ArvoPRO is the professional solution to maximized remote management.



## Wolf Controller

The PC-based Wolf automatic feeder controller works as a central user interface with optimized functions for managing your farm with ease.







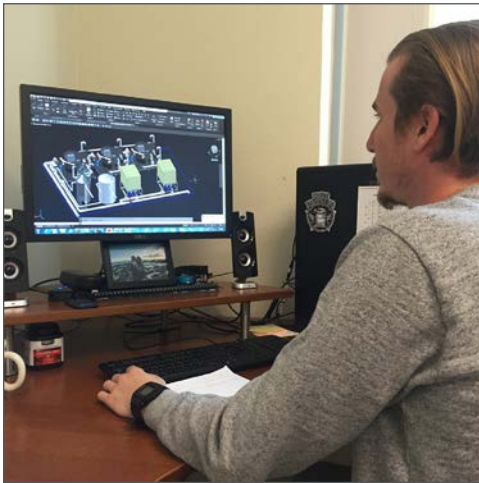
## On-Site Startup, Commissioning & Training

Our field technicians are factory trained for professional on-site startup, commissioning, and training on equipment operation and maintenance.

## Technical Services & Project Engineering Support

Our engineering department fully supports customers with professional technical support and technical documentation required to make your project successful.

- Free UV Transmittance Testing
- Monitoring & Controls Programming & Testing
- CAD Design Drawings
- Product Design & Engineering



## Online Web Sales & Service

Global Aquaculture Supply Company (GASC) is a division of IAS offering a complete catalog of standard aquatic equipment. Visit our e-commerce web site: [www.globalaquaculturesupply.com](http://www.globalaquaculturesupply.com) for a comprehensive selection of products.

**GLOBAL**  
AQUACULTURE SUPPLY

*A division of Integrated Aqua-System, Inc.*



E-Commerce Sales & Service

[www.globalaquaculturesupply.com](http://www.globalaquaculturesupply.com)





SCAN ME



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