



Although the name would suggest otherwise, Flamingo Land in Yorkshire does home animals other than flamingos and Microtech-Aligator was ready to help again. This time working with Adrian Welburn of MEI Pumps, Microtech-Aligator provided a 4 chamber ionisation system to Flamingo Land's Penguin Coast to kill the algae and bacteria and to keep the water clear. 24 months after construction started the elusive Humboldt penguins are now in their new enclosure which includes a 5m waterfall and more importantly a dedicated research platform.



One of our very first installations was at Weymouth Sealife Centre. Bi-Water Leisure completed a filtration plant on their 350m seal pool which included a Microtech-Aligator Water Purification Unit.

The seals had been swimming in opaque water, largely due to algae and other solids suspended in the water. This resulted in less than one metre of viewable water.

As chlorine can damage the eyes and respiratory systems of seals. Bi-Water were asked to look for a solution that did not involve chemical treatment. They turned to Microtech-Aligator for assistance.

At long last the seals have crystal clear water and visitors can now watch the seals throughout the tank.



**microtech aligator**

243 Berechurch Hall Road, Colchester, Essex CO2 9NP  
Tel: +44 (0) 1206 543485 Fax: +44 (0) 1206 766406  
[www.aligator.com](http://www.aligator.com) [enquiries@aligator.com](mailto:enquiries@aligator.com)

**microtech aligator**

**Water Purification System**



**For Aquariums  
& Aqua Parks**

# microtech aligator

The Microtech Aligator Ionisation System is the eco-friendly sustainable solution to water treatment in Aquariums.

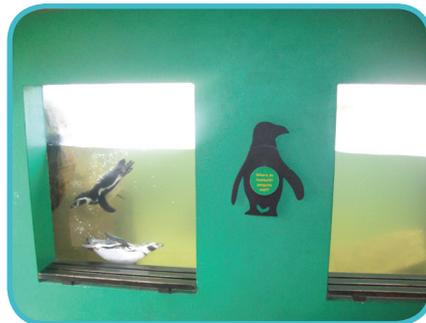
The Microtech Aligator Ionisation System is installed to reduce the growth of algae in the tanks. The unit charges low levels of copper and silver ions into the water which inhibits the algae and bacteria.

*We first trialled the Aligator-Microtech System on our Penguin Pool, we could never get rid of the brown water. Our pool had clarity after 7 days, and I was impressed. With having such a good trial of the copper system SEA LIFE then invested in the same System for our Seal Pools. I would recommend this product to anyone – it's easy to use and maintain.*

*Lyndsey Crawford, Scarborough Sealife & Marine Sanctuary*



Scarborough Sea Life - Day 1



Scarborough Sea Life - Day 5



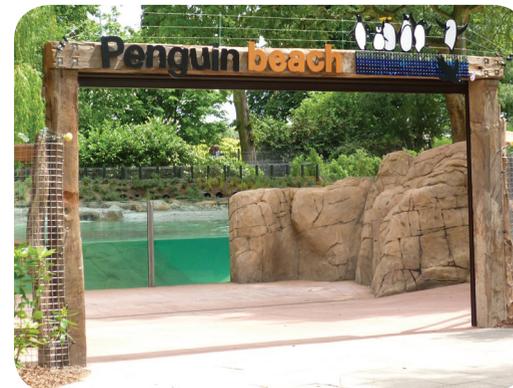
## How aligator works?

Microtech Aligator have spent the past twenty years researching and developing the process of ionic water treatment.

Modern technology combined with the unique composition and density of our specially formulated electrodes has resulted in a superior system, enabling the absolute control of energized ionisation.

Our Microtech Aligator Water Purification Unit is one of the most advanced ionisation systems available today. The basic principles are relatively simple and well known – dissolution of copper, silver and zinc into water by electrolysis (passing a low DC current through sacrificial electrodes).

The dosages of copper, silver and zinc are sufficient to control bacteria and bio-film. Silver is an effective bactericide and copper is an effective fungicide.



*Proprietor of Marine Aquaculture, Phil Unwin, needed to provide ZSL London with filtration for their new Penguin Pool Exhibition. Penguin Beach is significantly larger with stunning underwater viewing areas. Marine Aquaculture and Microtech-Aligator worked together to provide a six chamber ionisation system which will prevent the growth of algae and help with the clarity of the water.*