



*Preserving Life and Beauty through Nutrition*

*Sep-Art  
Technology*



**Sep-Art Artemia Cysts**  
**Easily separatable Brine Shrimp Eggs**



*A revolutionary concept  
to obtain a fast and complete  
separation of nauplii and cysts!*

- It is known that freshly hatched Artemia nauplii are an ideal live food for many invertebrates and early life stages of fish.
- A disadvantage is the presence of unhatched cysts amongst the nauplii after hatching. The shell material is rigid, not digestible, can obstruct the larval digestive system and is an important source of bacterial contamination.
- Until today, there has been no progress in the procedure to separate the live nauplii from the unhatched cysts. There are several "tricks" like the use of light to attract nauplii, double sieving, ... However, these ways of working will never result in a harvest of 100 % live nauplii, can damage the animals and are labor intensive.
- Today pure live and viable nauplii can easily be obtained thanks to the Sep-Art Technology.

Sep-Art Artemia Cysts are coated with a carefully selected, non-toxic magnetic layer. They look like normal cysts and the hatching instructions are identical. After hatching, the aeration should be stopped for a few minutes resulting in:

- Empty cyst shells that will float at the water surface.
- A mix of nauplii and some unhatched cysts that will settle in the cone tip.

Depending on the volume you hatched, one of the following Sep-Art Separators can be used:

### 1. Small Artemia nauplii hatching system (< 5 liter)

The suspension of nauplii and unhatched cysts is siphoned into the Sep-Art Separator. The Separator contains a strong built-in magnet: unhatched cysts are trapped by the magnet on the bottom of the Separator and the non-magnetic free swimming nauplii are ready to use.



### 2. Larger Artemia nauplii hatching system (> 5 liter)

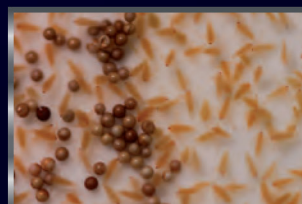
The Easy-Mag is an easy to use magnet which results in a pure and vivid Artemia nauplii suspension. The stainless steel housing prevents corrosion.

The Easy-Mag can easily be submerged in the suspension of nauplii, empty cyst shells and unhatched cysts are attracted to the magnet. Rinse the magnet and repeat the separation until all cysts and shells are collected and a pure nauplii suspension is obtained.



This innovative separation process results in:

- The absence of cyst shell material between the nauplii.
- Extremely viable nauplii ready to feed or in an excellent condition to enrich.
- Reduced labor cost.



*When hatching stops, we continue innovating!*



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For more information, visit [www.oceannutrition.eu](http://www.oceannutrition.eu)