

Easy-Mag

for the separation of SEP-Art Artemia cysts

- ▶ Easy-to-use magnet to remove the unhatched SEP-Art cysts and empty shells
- ▶ Results in a pure and vivid Artemia nauplii suspension
- ▶ Ideal for improved enrichment

The Easy-Mag

- ▶ is specially developed for the harvest of Artemia nauplii hatched out of SEP-Art cysts.
- ▶ meets the most stringent requirements and has a smoothly polished stainless steel housing.
- ▶ is easy to clean: after withdrawal from the Artemia suspension the attached cysts and shells are removed from the surface of the magnet with a gentle water flow.



TECHNICAL DATA

- ▶ Length 300mm x Dia 25.4mm
- ▶ Magnetic quality N50 (Neodymium)
- ▶ 1 magnetic rod with cover
- ▶ Gauss strength: >11,000Gs
- ▶ Materials are stainless steel 304
- ▶ Max. working temperature: 80°C

Never leave magnets unattended.

This magnetic device must be handled with care and common sense.



The application of the SEP-Art Technology does not alter the hatching requirements of the Artemia cysts. SEP-Art Artemia cysts are hatched under exactly the same conditions as normal cysts.

HARVESTING METHODS

▶ **Method 1: Direct harvest. Suitable for small hatching volumes (5-10L).**

Small tanks can be harvested without any specific preparation. Simply separate the cysts from the nauplii by inserting the SEP-Art Easy-Mag tool into the hatching tank. Repeat the handling until all cysts are collected and a pure nauplii suspension is obtained.

▶ **Method 2: After concentration. Suitable for small to relatively large hatching volumes (10-100L).**

1. Discontinue the aeration upon completion of the hatching. Preferably cover the tank.
2. Allow the empty shells to rise in the hatching suspension for about 5 minutes. Simultaneously, the nauplii and the full and unhatched cysts will accumulate near the tank's outlet.
3. Harvest the hatching tank (excluding empty shells floating at the surface) in a net or other collecting device.
4. Transfer the collected nauplii and unhatched cysts to a concentrator-tank and add clean seawater to about 10% of the initial hatching volume, applying strong aeration.
5. Submerge the SEP-Art Easy-Mag for about 1 minute in the concentrated suspension (until fully loaded with unhatched cyst and cyst shells).
6. Withdraw the loaded SEP-Art Easy-Mag from the Artemia suspension and remove the attached cysts and shells from the surface of the magnets with a gentle water flow (collect in a separate net for later disposal).
7. Apply steps 5, 6 and 7 until the Artemia nauplii suspension is free from cysts and a pure Artemia nauplii suspension is obtained.