Aquarium Münster

Fish like us

ORNAMENTAL FISH

HEALTH AND WELLBEING

Product Range

www.aquarium-munster.com

D012019P

DR. BASSLEER BIOFISH FOOD GRANULATED FISH FOOD

FEEDING ACCORDING TO NATURE'S EXAMPLE

DR. BASSLEER BIOFISH FOOD does not contain any artificial colorants and provides an extraordinary high nutrient content.

Fish consume their food in chunks. Because their mouths differ from species to species, food should be matched to their mouth shape and eating habits. The granulate range of DR. BASSLEER BIOFISH FOOD is adjusted to this wide variety by providing optimised granulates in sizes ranging from S, M, L, XL and XXL.

DR. BASSLEER BIOFISH FOOD REGULAR and DR. BASSLEER BIOFISH FOOD GREEN are available in a pellet size 3XL of 6.5 mm (0.26 in) for big fish of more than 20 cm (7.9 in).

The granulates in smaller pellet size M sink slowly, thus providing nutrients to all three water zones. This gives surface feeders, fish in the middle zone as well as bottom feeders alike a fresh and balanced diet.

The selection of nutrients in the food should also follow nature's example. DR. BASSLEER BIOFISH FOOD was developed by the well-known fish pathologist Dr. Gerald Bassleer. Due to the very special production process the particularly vitamins, proteins and trace elements are fully available.

The different granulated foods as well as the very special flake foods contain all necessary amino acids, unsaturated fatty acids (e. g. omega-3), minerals, trace elements and vitamins for heathy and resistable ornamental fish.

The granulated DR. BASSLEER BIOFISH FOOD is upgraded by functional additives that are artisanal coated at low temperature after processing the granulate. All granulated foods contain valuable probiotics (*Pediococcus acidilactici*).

DR. BASSLEER BIOFISH FOOD does not contain any artificial colorants and provides an extraordinary high nutrient content. It is easily degistible and does not represent any stress to the quality of the aquarium water.

Pellet size S
0.2 - 0.5 mm (0.01 - 0.02 in)
for fish < 2 cm (0.8 in)

Pellet size M
0.5 - 0.8 mm (0.02 - 0.03 in)
for fish > 1 cm (0.4 in)

Pellet size L
0.8 - 1.2 mm (0.03 - 0.05 in)
for fish > 5 cm (2 in)

Pellet size XL
1.2 - 1.6 mm (0.05 - 0.06 in)
for fish > 10 cm (4 in)

Pellet size XXL
2.8 - 3.2 mm (0.11 - 0.13 in)
for fish > 15 cm (5.9 in)

Pellet size 3XL
6.5 mm (0.26 in)
for fish > 20 cm (7.9 in)

FRESH AND MARINE WATER
Valuable
complete food

DR. BASSLEER BIOFISH FOOD
REGULAR

DR. BASSLEER BIOFISH FOOD REGULAR contains a very high level of protein (54 %). It provides fish with all vitamins, trace elements and minerals they require. Ornamental fish fed with DR. BASSLEER BIOFISH FOOD are distincly more colorful and active. Both their growth and their fertility are promoted.

FRESH AND MARINE WATER
With
Acai berries

DR. BASSLEER BIOFISH FOOD
ACAI

DR. BASSLEER BIOFISH FOOD ACAI contains the berries of the acai palm tree with an exceptional high nutritional value which is very health-promoting and has amazing effects. By purely natural ingredients, fish develop a naturally strong, intense staining. Feeding with DR. BASSLEER BIOFISH FOOD ACAI leads to more success in breeding fish.

FRESH AND MARINE WATER
With
Aloe vera

DR. BASSLEER BIOFISH FOOD
ALOE

DR. BASSLEER BIOFISH FOOD ALOE contains all components of the valuable plant Aloe vera. Aloe vera contains valuable enzymes, amino acids, vitamins, mono and polysaccharides, minerals and bioflavonoids. A high proportion of acemannan enhances immune system. DR. BASSLEER BIOFISH FOOD ALOE enhances the immune system, detoxifies the digestive process and the fish organism.

FRESH AND MARINE WATER
For fish larvae, juvenile fish,
nano-aquarium fish and shrimps

DR. BASSLEER BIOFISH FOOD
BABY+NANO

Fine granulated food (no „powder") for fish larvae, juvenile fish, nano-aquarium fish (e. g. small Rasbora species) and shrimps. The high proportion of high-quality proteins associated with the freshwater algae Chlorella pyrenoidosa ensures a healthy growth. The stable granules do not represent any stress to the quality of the aquarium water.

FRESH AND MARINE WATER
Tasty treat especially
for delicate fish

DR. BASSLEER BIOFISH FOOD
CAVAR

DR. BASSLEER BIOFISH FOOD CAVAR is an exclusive super-premium food and contains all the natural ingredients for a balanced diet. Each individual microcapsule containing valuable peptides, easily digested proteins, nucleotides and chelated micronutrients. This tasty treat is unique and popular even with very picky and delicate fish. DR. BASSLEER BIOFISH FOOD CAVAR is a luxurious alternative to frozen foods.

FRESH AND MARINE WATER
With
Chlorella algue

DR. BASSLEER BIOFISH FOOD
CHLORELLA

DR. BASSLEER BIOFISH FOOD CHLORELLA contains the valuable Chlorella freshwater algae. This algae is rich in carotinoids (e.g. lutein, astaxanthin), antioxidants (e.g. beta-carotin), essential unsaturated fatty acids (e. g. omega-3), vitamins and trace elements (iron, selenium, iodine, folic acid, calcium). Chlorophyll as well as valuable nucleic acids foster the regeneration process.

FRESH AND MARINE WATER
Fitness treatment
every 3 - 4 weeks

DR. BASSLEER BIOFISH FOOD
FORTE

For the long-term health of your fish, we recommend a fitness treatment with DR. BASSLEER BIOFISH FOOD FORTE every three to four weeks. Aside from the premium ingredients of DR. BASSLEER BIOFISH FOOD REGULAR, DR. BASSLEER BIOFISH FOOD FORTE also provides immune stimulators such as citrus fruit pulp and high-quality glucan. A fitness treatment with DR. BASSLEER BIOFISH FOOD FORTE is particularly helpful in stress situations.

FRESH AND MARINE WATER
With
fresh garlic

DR. BASSLEER BIOFISH FOOD
GARLIC

DR. BASSLEER BIOFISH FOOD GARLIC contains natural garlic. It is also a popular food for ornamental fish which have contracted disease and often suffer from loss of appetite. Garlic contains the natural active agent allicin, a very high proportion of manganese and vitamin B6, and is a very rich source of trace elements (selenium, iodine, germanium, etc.) and enzymes.

FRESH AND MARINE WATER
Premium food for
herbivore ornamental fish

DR. BASSLEER BIOFISH FOOD
GREEN

DR. BASSLEER BIOFISH FOOD GREEN is a granulated premium food for herbivore ("vegetable nutrition") ornamental fish. In addition to all important ingredients it containts 5 % grounded leaves of the "miracle tree" Moringa oleifera and 5 % of the valuable Chlorella fresh water algae. It is rich in carotenoids, antioxidants, essential unsaturated fatty acids, chlorophyll, vitamins and trace elements.

FRESH AND MARINE WATER
With Grapefruit seed extract (GSE)
and Moringa oleifera

DR. BASSLEER BIOFISH FOOD
GSE/MORINGA

DR. BASSLEER BIOFISH FOOD GSE/MORINGA contains grapefruit seed extract and grounded leaves of the "miracle tree" Moringa oleifera. The ingredients of grapefruit seeds have a desinfectant effect. The leaves of the Moringa tree are extremely rich in nutrients and contain 18 different amino acids as well as an extraordinary amount of antioxidants.

FRESH AND MARINE WATER
With
valuable herbs

DR. BASSLEER BIOFISH FOOD
HERBAL

DR. BASSLEER BIOFISH FOOD HERBAL contains herbs known for centuries: peppermint, thyme, mugwort and chickweed. The valuable components have a stimulating and antiseptic effect and contribute to the health of ornamental fish. Skinny fish gain quickly more weight.

FRESH AND MARINE WATER
With
bark extract of lapacho tree

DR. BASSLEER BIOFISH FOOD
LAPACHO

DR. BASSLEER BIOFISH FOOD LAPACHO contains 2% bark extract of the lapacho tree (Tabebuia impetiginosa).In South America the lapacho tree is referred to as the tree of life. The Incas already brewed tea from its bark, which they drank to alleviate many ailments. The Lapacho bark contains various naphthoquinone derivatives, benzofurans and a special combination and concentration of mineral salts and trace elements such as calcium, iron, magnesium, phosphorus, zinc, chromium, silicon, manganese, molybdenum, copper, potassium, sodium, cobalt and boron. Especially during a treatment against Spironucleus (used to be called "Hexamita"), Hole-in-the-Head-Syndrome and HLLS a feeding with DR. BASSLEER BIOFISH FOOD LAPACHO is recommended.

FRESH AND MARINE WATER
With
pumpkin seeds

DR. BASSLEER BIOFISH FOOD
PUMPKIN

DR. BASSLEER BIOFISH FOOD PUMPKIN contains 2% pumpkin seeds (Cucurbita). Pumpkin seeds contain valuable ß-sterols, phytosterols, selenium, potassium and a high proportion of vitamin E. The tocopherols and carotenoids contained have an anti-inflammatory effect. The amino acids cucurbitin and citrulline promote intestinal health. Especially during a treatment against intestinal worms a feeding with DR. BASSLEER BIOFISH FOOD PUMPKIN is recommended.

FRESH AND MARINE WATER
Premium pellet food
for ornamental shrimps

DR. BASSLEER BIOFISH FOOD
SHRIMP STICKS

Premium pellet food for ornamental shrimps (e. g. Neocaridina sp.). The formular of DR. BASSLEER BIOFISH FOOD SHRIMP STICKS with an extraordinary high proportion of raw fibers and 0.5 % Aloe vera is perfectly balanced for the digestion of shrimps and mini-shrimps. Shrimps love DR. BASSLEER BIOFISH FOOD SHRIMP STICKS.

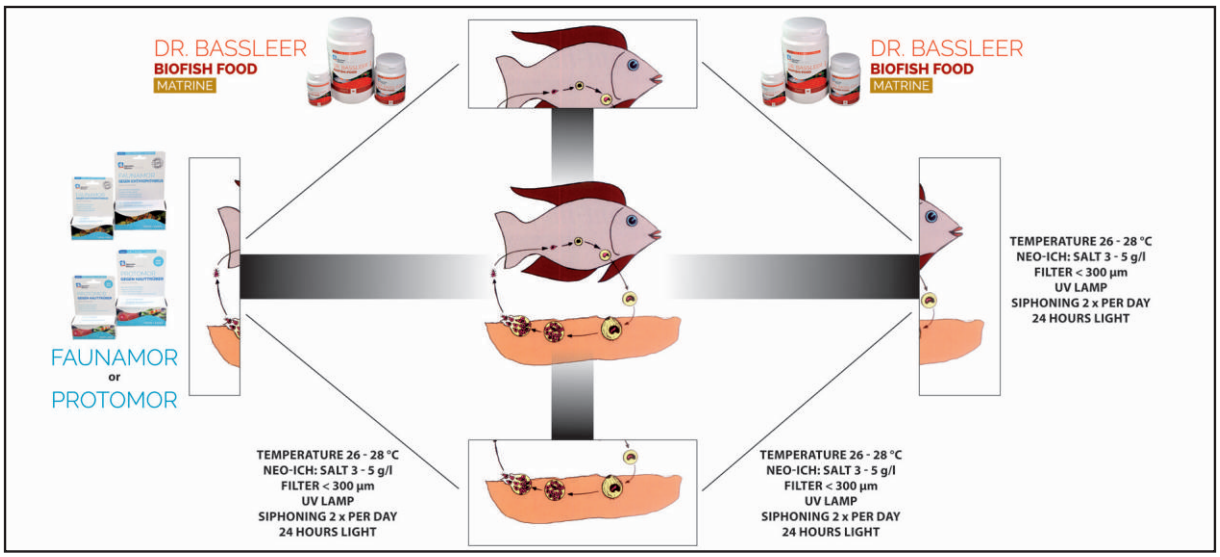
BASSLEER ANTI-ICH-METHOD
DR. BASSLEER BIOFISH FOOD MATRINE

FRESH AND MARINE WATER
With
matrine and oxymatrine

DR. BASSLEER BIOFISH FOOD **MATRINE**

DR. BASSLEER BIOFISH FOOD MATRINE contains the valuable alkaloids matrine and oxymatrine from the plant Sophora flavescens (Chinese "Ku Shen"), promoting healthy fish. The mucous membrane of the skin is stimulated and leads to more protection.

DR. BASSLEER BIOFISH FOOD MATRINE is a valuable component of the BASSLEER-ANTI-ICH-METHOD.



Use the DR. BASSLEER ANTI-ICH-METHOD to control *Ichthyophthirius multifiliis* (fresh water "white-spot") and *Cryptocaryon irritans* ("marine ich"). Can be done in reef tanks, if you use PROTOMOR. This method is also effective against the "New White Spot" *Neoichthyophthirius schlotfeldti*.

1 Use FAUNAMOR or PROTOMOR (reef safe) according to instruction. Juvenile ICH parasite is damaged or killed. - For the "New White Spot" *Neoichthyophthirius schlotfeldti* add 3 - 5 g/l salt (depending on fish species).

2 Feed DR. BASSLEER BIOFISH FOOD MATRINE during the medicinal treatment for 7 days. Fresh water white spot (*Ichthyophthirius multifiliis*) and marine ICH (*Cryptocaryon irritans*) will be cured after these 7 days.

3 If infected by the "New White Spot" Ichthyophthirius schlotfeldti, continue to feed DR. BASSLEER BIOFISH FOOD MATRINE for 10 - 30 days. Adult ICH trophont will drop from fish and ICH tomite ("baby Ichthyophthirius") will not attach to fish.

4 Increase temperature by 2 - 3 °C (to 26 - 28 °C, for Discus: 30 - 33 °C). Ensure high oxygen levels.

5 Increase efficiency of filtration by higher flow. Use a fine physical filter (< 300 µm) and UV lamp to collect and kill ICH parasites. Regular filter cleaning. Exhaust suction should be 5 cm from the bottom of the aquarium to collect ICH tomont.

6 Siphoning bottom of aquarium 2 x per day (morning and evening) to remove ICH tomonts and young ICH parasites.

7 24 hours light will decrease the development of ICH tomites. Warning: Some invertebrates do not tolerate continuous light.

DR. BASSLEER BIOFISH FOOD FOODBOX

FOOD VARIETY FOR HEALTHY FISH

For an optimal nutrition, not only the nutritional quality but also the versatility of the diet are crucial. Even the best food is not the best possible solution either with permanent and sole use. Variety makes the difference. Even in nature, a fish does not find the same food every day. An optimal diet consists of a varying feeding with different varieties of high-quality food.

The DR. BASSLEER BIOFISH FOOD FOODBOX is the begin to enter the large selection of DR. BASSLEER BIOFISH FOOD. The attractive box contains granulated food in four different varieties, which are offered alternately to the fish.

The DR. BASSLEER BIOFISH FOOD FOODBOX is an ideal present for the ambitious aquarist, too.

DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE & TREAT

ESPECIALLY FOR THE COMMERCIAL BREEDING AND FARMING

DR. BASSLEER BIOFISH FOOD
PROFESSIONAL CARE

DR. BASSLEER BIOFISH FOOD
PROFESSIONAL TREAT

DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE and DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT are complete foods intended specifically for the commercial breeding and farming of ornamental fish. The ingredients are tailored precisely to commercial aquaculture conditions for the rearing of ornamental fish.

It is ridiculous to try to save money by feeding low budget food. Stop feeding poor quality to your fish! Feeding high quality DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE and DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT will pay for itself. Strong and healthy fish will save costs for medications and losses of fish. Less complaints of your customers will increase your profit. If you take in relation the value of fish to the costs for DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE or DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT, your daily investment for feeding this premium food will be less than 0.0001 %! Your savings will be much more!

DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE contains natural immune function boosters, such as Brazilian açai berries, glucan, algae extracts, citrus pulp, and the freshwater algae Chlorella. It is rich in carotenoids, antioxidants, vitamins and minerals. DR. BASSLEER BIOFISH FOOD PROFESSIONAL CARE guarantees successful breeding, prepares the fish for transportation, and aids their acclimatization during quarantine.

DR. BASSLEER BIOFISH FOOD PROFESSIONAL TREAT aids the recovery of ornamental fish during and after medical treatment. The product contains fresh garlic, which is rich in allicin and manganese, as well as Aloe vera and the added value of peppermint, thyme, mugwort and chickweed. These herbs strengthen the defenses and power of resistance of the ornamental fish and therefore help to keep the fish healthy. Emaciated fish quickly regain weight.

DR. BASSLEER BIOFISH FOOD FLAKE FOOD
FOR A BALANCED DIET

Ornamental fish fed with DR. BASSLEER BIOFISH FOOD flakes show excellent condition and healthy natural coloring.

DR. BASSLEER BIOFISH FOOD flake food contains all the natural constituents of a balanced diet.

If even flake food, then DR. BASSLEER BIOFISH FOOD flake food. Only high-quality ingredients are used for this special premium food. The special production process connects each individual flake with fine granules. Due to this process the flakes have the very special appearance with a rough surface.

Ornamental fish fed with DR. BASSLEER BIOFISH FOOD flakes show excellent condition and healthy natural coloring. They also grow faster and their fertility rate is higher.

FRESH AND MARINE WATER
Flake food for
all ornametal fish

DR. BASSLEER BIOFISH FOOD
REGULAR FLAKE

DR. BASSLEER BIOFISH FOOD REGULAR FLAKE with the typical rough surface is a high quality complete food for all ornamental fish.

FRESH AND MARINE WATER
Flake food for
all herbivore ornamental fish

DR. BASSLEER BIOFISH FOOD
FLORA FLAKE

Complete food especially for all herbivore (= "vegetable nutrition") ornamental fish. The formular is especially adapted to the digestive tract of ornamental fish that naturally feed primarily herbivore.

FRESH AND MARINE WATER
Flake food with extra
protein content

DR. BASSLEER BIOFISH FOOD
EXCEL FLAKE

DR. BASSLEER BIOFISH FOOD EXCEL FLAKE contains an extraordinary high proportion of valuable proteins. It thus promotes the growth and muscle building.

FRESH AND MARINE WATER
Flake food to strengthen
the immune system

DR. BASSLEER BIOFISH FOOD
FORTE FLAKE

A 10-days fitness treatment with DR. BASSLEER BIOFISH FOOD FORTE FLAKE every 3 - 4 weeks strengthens the immune system.

FIRST AID FOR ORNAMENTAL FISH
SIMPLE, SAFE AND EFFECTIVE

Our goal is to help you to reestablish the health and wellbeing of your ornamental fish through an effective, reliable and safe treatment.

To achieve this goal we offer a balanced line of medical products to treat the most common illnesses. From universal to specific applications, from an uncertain to a specific diagnosis: the range of medical products offered by Aquarium Münster covers a wide spectrum of indications.

Discover for yourself how easily you can familiarize yourself with the symptoms of most typical illnesses and how you can treat these with a managable number of medical products. Regardless of your level of experience, simplicity and security in administration are the keys to successful and rapid treatment. For the health of your ornamental fish and for your enjoyment of your aquarium.

All medical products from Aquarium Münster are manufactured with the GMP guidelines - the pharmaceutical industry's internationally standardized quality standards.

Our products are the result of many years of research, development and testing. In conjunction with continuous monitoring this offers you the security of knowing you are using products with a high degree of effectiveness, reliability and tolerance. In the end all this benefits your ornamental fish.

The range of remedies of Aquarium Münster cover a wide spectrum of indications.

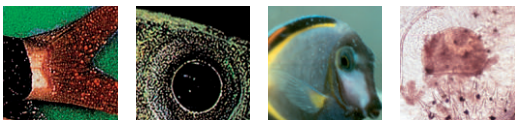
SECURE HELP
AGAINST PROTOZOA AND FUNGAL INFECTIONS

Ornamental fish infected with protozoa become apathic and lose weight rapidly. The gills remain open and the fish exhibits increased respiratory activity up to acute respiratory distress.

Velvet

Velvet infections are usually caused by protozoan parasites. Visible symptoms are white, granular lesions (Ichthyophthirius), pale grey velvet-like films or barely visible spots on the gills, fins and body, which may spread.

Infected ornamental fish contract their fins and attempt to remove the parasites by rubbing. Fish on which the infection is particularly pronounced on the gills quickly become apathic and lose weight rapidly. The gills remain open and the fish exhibits increased respiratory activity which can reach levels of acute respiratory distress.



Ichthyophthirius and Neoichthyophthirius ("White Spot"), Oodinium ocellatum (coral fish disease), Cryptobia, Cryptocarion, Brooklynella, Chilodonella, Ichthyobodo, Trichodina

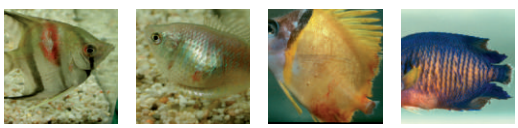
Fungus

Cotton-like tufts on the gills, body and fins are visible indications of the infection. Advanced stages are frequently accompanied by secondary bacterial infections.

Achlya, Saprolegnia

Bacterial infections

Visible symptoms for bacterial infections are changes such as losses of skin and scales, areas of surface cracking to deep pitting, wounds, ulcers, frayed fins, popeye ("Exophthalmus"), lurching movements, spasms, distended abdomen ("dropsy"), protruding scales.



Aeromonas, Streptokokken, Columnaris, etc.

FRESH WATER
Against Ichthyophthirius, Neoichthyophthirius and secondary bacterial infections

FAUNAMOR
AGAINST WHITE SPOT

FAUNAMOR interrupts the disease's developement cycle, heals Ichthyophthirius and Neoichthyophthirius infections and prevents potential secondary bacterial infections.

Package sizes:
for 600/3,000/30,000 l (159/793/7,925 gal) aquarium water

FRESH AND MARINE WATER
Against protozoa
("Velvet")

ODIMOR
AGAINST SPOTS AND VELVET-LIKE FILMS

ODIMOR acts quickly and reliable against all kinds of protozoa. Treatment with ODIMOR effectively controls parasites and quickly stops the progress of disease.

Package sizes:
for 500/2,500/25,000 l (132/660/6,604 gal) aquarium water

FRESH AND MARINE WATER
Against fungal diseases and secondary bacterial infections

DESSAMOR
AGAINST COTTON-LIKE TUFTS

DESSAMOR heals and is an effective preventative. It fights against the fungal infection and protects against potential associated bacterial infections. dessamor is highly effective and very well tolerated (not for invertebrates).

Package sizes:
for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water

FRESH AND MARINE WATER
Against protozoa
("Velvet")

PROTOMOR
AGAINST SPOTS AND VELVET-LIKE FILMS

SAFE FOR CORALS

PROTOMOR is used especially for the initial stage of infections and slight diseases. It is tolerable for invertebrates like corals, anemones, snails, mussels.

Package sizes:
for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water

Infections of ornamental fish with worms, multicellular parasites or intestinal flagellates may be introduced by wild-caught fish or live food.

HELP FOR YOUR FISH
WORMS, PARASITES AND INTESTINAL FLAGELLATES

Worms and other parasites

Fish infected with gill flukes show signs of rapid breathing. The symptom of tapeworm infection in fish is acute weight loss despite normal feeding habits. Fish which are infested with skin flukes try to rid themselves of the parasites by rubbing and scratching. Fish lice and anchor worms are clearly visible on the skin.

Skin flukes (Gyrodactylus), gill flukes (Dactylogyrus), tape worms (Cestodes), fish lice (Argulus) and anchor worms (Lernaea)

Intestianl flagellates

Symptoms of intestinal flagellates include weight loss, whitish-slimy faeces, a tendency to remain in isolation from other fish and, in advanced stages, whitish holes developing around the head, especially in cichlids like the discus ("hole in the head disease").

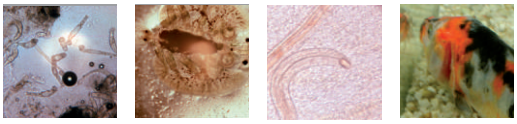
Spironucleus (used to be called "Hexamita")

FRESH AND MARINE WATER
Against skin and gill flukes,
tape worms, fish lice, anchor worms

ARGUMOR, ACTIVE INGREDIENT: DIFLUBENZURON
AGAINST RESPIRATORY PROBLEMS, LOSS OF WEIGHT, WHITISH FECES, FISH LICE, ANCHOR WORMS

ARGUMOR treats skin worms (Gyrodactylus), gill worms (Dactylogyrus) and tape worms (Cestodes) as well as fish lice (Argulus, Livoneca, etc.) and anchor worms (Lernaea).

Package sizes: for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water

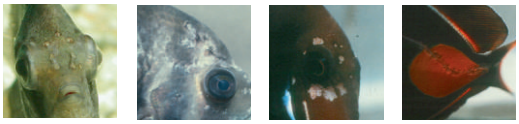


FRESH AND MARINE WATER
Against Spironucleus

HEXAMOR,
ACTIVE INGREDIENT: 2-AMINO-5-NITROTHIAZOLE
AGAINST LOSS OF WEIGHT, WHITISH FECES, "HOLE IN THE HEAD DISEASE"

Due to the intestinal infestation fish are not able to properly use the nutrients. This causes the typical whitish holes in the head. HEXAMOR treats infections with intestinal flagellates as Spironucleus (used to be called "Hexamita").

Package sizes: for 400/2,000/20,000 l (106/528/5,283 gal) aquarium water



Infected fish may show symptoms like yellow/white mucous-like films, wounds and inflammations.

UNIVERSAL TREATMENT
AGAINST NUMEROUS INFECTIONS

Infectious diseases in ornamental fish often show symptoms such as yellow/white mucous-like or cotton-like films as well as ulcers, wounds and inflammation.

Other indications include bloody spots, loss of skin and scales, raised scales, fin rot, darkening of the mucous membrane, whitish mouth, lurching movements ("staggering disease"), pop-eye (exophthalmia) as well as swollen abdomen ("dropsy").

Sometimes the diagnosis is uncertain. Secondary infections that weaken the fish, make it difficult to identify the main infection itself. In some cases there may be various infections parallel. In these cases, a treatment with an universal treatment that covers a wide spectrum of agents, is recommended.

In hopeless cases it might be necessary to kill a sick, intractable fish humanely and painlessly.

FRESH AND MARINE WATER
Against most infections of ornamental fish

MEDIMOR
AGAINST NUMEROUS DIFFERENT SYMPTOMS

MEDIMOR is a particularly reliable, effective and well tolerated treatment against most infections. With the active ingredient Methyl orange medimor has a very effective component against bacteria..

Package sizes:
for 800/2,670/26,700 l (211/705/7,053 gal) aquarium water

FRESH AND MARINE WATER
For the treatment of fish, invertebrates and for desinfedtion

EKTOMOR
AGAINST NUMEROUS DIFFERENT SYMPTOMS

SAFE FOR CORALS

The formular of EKTOMOR has a desinfectant effect and fights the illness. EKTOMOR can be used in different concentrations from prophylactic use to desinfections up to healing.

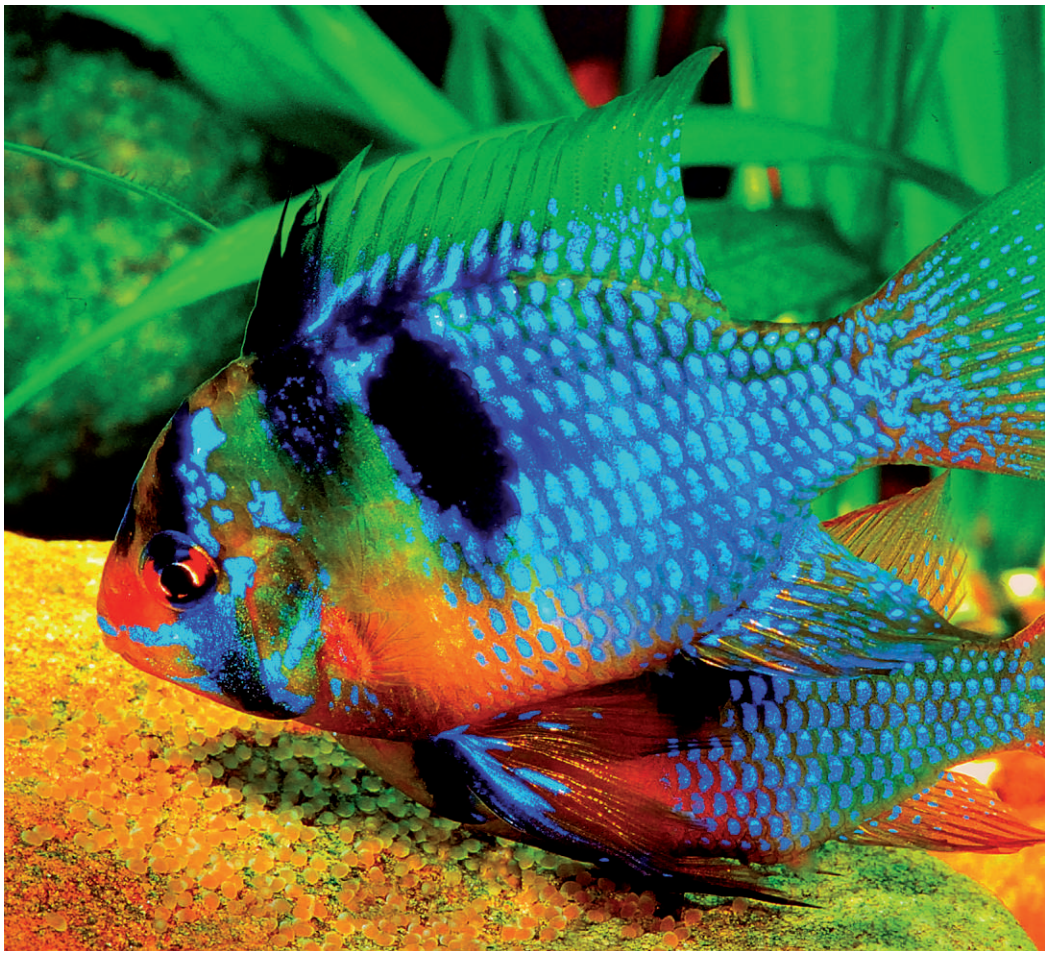
Package sizes: for 500/2,500/25,000 l (132/660/6,604 gal) aquarium water

FRESH AND MARINE WATER
Against bacteria, viruses and other infections

VIRUMOR (ACTIVE INGREDIENT: PENTAKALIUM-BIS(PEROXYMONOSULFAT)-BIS(SULFAT)
AGAINST SWELLINGS, WOUNDS, ULCERS, FIN ROT

VIRUMOR, active ingredient: potassium peroxymonosulphate, treatment against bacterial infections (Aeromonas, Pseudomonas, Streptococcus, Columnaris, etc.), viral diseases (KHV, ISA and IPN, etc.) and fungal infections (Saprolegnia, Achlya).

Package size:
for 200/12,000 l (53/3,170 gal) aquarium water



Not only the right formular is important but the right dosage, too.

FURAMOR-P
WITH THE PATENTED DOSING SACHET

FURAMOR-P with the patented dosing sachet

The gentle way of healing ornamental fish is going on. After all, not only the correct formular is important, but the right dosage, too. To ensure this, we have developed a patented dosing system represented by the letter "P". The dosing sachet releases the active ingredients into the aquarium water uniformly and gently throughout the entire course of treatment - never too much, never too little and only as long as necessary.

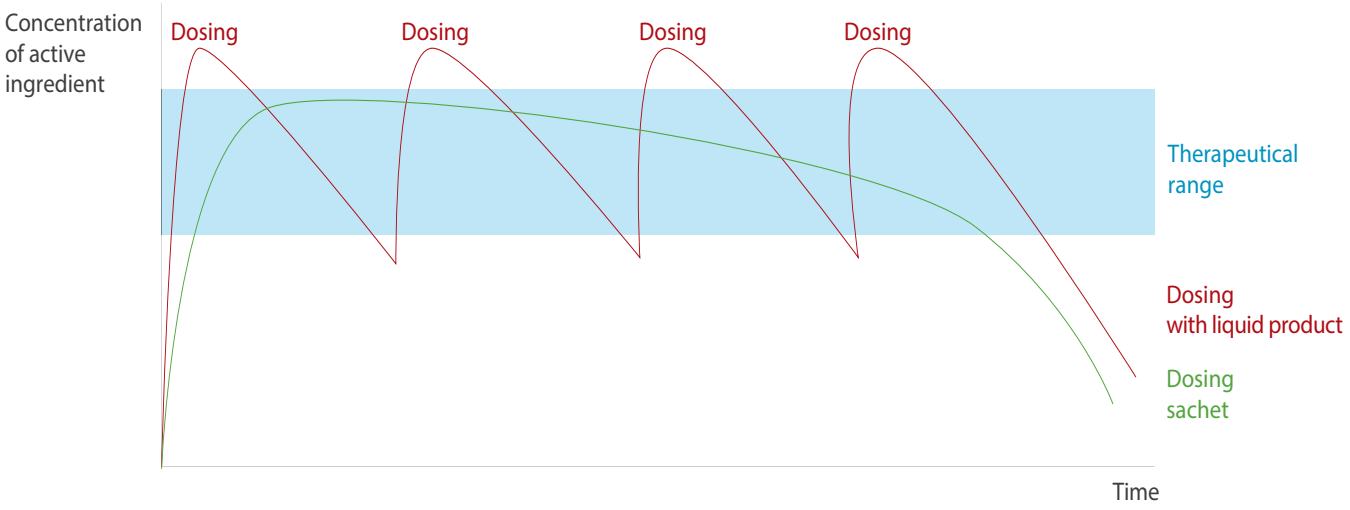
Subsequent dosing is no longer required and, should the fish recover more rapidly than anticipated, treatment can be stopped immediately by just taking away the dosing sachet. This gives the aquarist total assurance that fish already weakened by illness are not further stressed by the treatment itself.

FRESH AND MARINE WATER
Against most infections of ornamental fish

FURAMOR-P
AGAINST NUMEROUS DIFFERENT SYMPTOMS

FURAMOR-P acts universally and safely. FURAMOR-P is an universal medication for all external infections and is characterized by its high degree of effectiveness, reliable protection and excelent tolerance.

Package sizes:
for 200/1.000 l (53/264 gal) aquarium water



Our filter media remove finer dirt and mechanical opacities. The care products bind, neutralize or remove harmful substances reliably.

AQUAVITAL
SYSTEMATIC PROTECTION AND CARE

Hazardous environmental influences present an ever increasing burden on our daily life.

This is a developement that also affects ornamental fish. And it starts in the aquarium water whose quality is, after all, decisive for the aquarium's biological equilibrium. The AQUAVITAL system - whose individual products have been selected to optimally supplement one to each other - creates ideal living conditions in the aquarium.

Aside from the coarse contaminants that are trapped by the filter material (mechanical filtration), water also contains toxic chemical elements. These degradation products of organic waste (fish excrement, plant residue, excess food) are broken down by efficient filters. The mechanical filtration is done in the different layers of filter materials of different density.

Important function of the filter material for the biological filtration is the ability to host the greatest possible number of microorganisms to clean the aquarium water of its organic waste. Aquarium Münster products for the mechanical and biological filtration are characterized by their high level of quality and complete each other perfectly.

In addition to that, the water may be contaminated by heavy metals, phosphates or other harmful substances. Many aquarists do not know, that in many countries almost all water suppliers from time to time use chlorine to prevent the contamination of the transmission network. With the various water conditioners of the aquavital series contaminants are reliably bound, neutralized or removed.

FREISH WATER
Reliable analysis of the six most important parameters in 60 seconds

AQUAVITAL
MULTITEST 6in1

The AQUAVITAL MULTITEST 6in1 allows you to quickly, easily and reliably determine the six most important parameters for fresh water: pH, Total Hardness (GH), Carbonate Hardness (KH), Nitrite (NO_2), Nitrate (NO_3) and Chlorine (Cl_2).

Package size:
50 x 6 tests = 300 tests

MARINE WATER
Reliable analysis of five important parameters in 60 seconds

AQUAVITAL
MARINE-TEST 5in1

The AQUAVITAL MARINE-TEST 5in1 allows you to quickly, easily and reliably determine five important parameters for marine water: pH, Carbonate Hardness (KH), Nitrite (NO_2), Nitrate (NO_3) and Calcium (Ca).

Package size:
50 x 5 tests = 250 tests

FRESH AND MARINE WATER
With bio-colloids
+ power chlor-ex

AQUAVITAL
CONDITIONER+

AQUAVITAL CONDITIONER+ binds and neutralizes harmful heavy metals, neutralizes chlorine in a few seconds and stabilizes the pH. Valuable bio-colloids benefit the protecting mucous membrane.
Package sizes:
for 100/500/1,250/25,000 l
(for 26/132/330/6,604 gal)
aquarium water

FRESH AND MARINE WATER
With Aloe vera,
iodine and vitamin C

AQUAVITAL
STRESS-PROTECT

With a balanced combination of 40 % Aloe vera together with iodine and vitamin C, AQUAVITAL STRESS-PROTECT strengthens the immune system of ornamental fish making them more resistant to pathogens and promoting healing.
Package sizes:
for 100/500/1,250/25,000 l
(for 26/132/330/6,604 gal)
aquarium water

FRESH AND MARINE WATER
Optimal settlement of microorganisms on 1,250 m^2 per litre

AQUAVITAL
ZERANIX

AQUAVITAL ZERANIX is a purely natural silicate stone that is characterised by its extremely large available surface area of 1,250 square meters per litre. It provides home not only for aerobic bacteria but also for anaerobic bacteria.

Package sizes:
1,200 ml (317 gal)

FRESH AND MARINE WATER
Innovative synthetic filter holders for all kind of filters

AQUAVITAL
POLYFIL

The special design of the AQUAVITAL POLYFIL filter holders prevents from becoming wedged together. The structure of the surface is particularly conductive to the optimum settlement of microorganisms. AQUAVITAL POLYFIL is easily washed out and boasts an almost unlimited scope of application.
Package size:
1,200 ml (317 gal)

FRESH WATER
Highly concentrated humic acid
lowers the pH effectively

AQUAVITAL
BLACK PEAT

Thanks to the wide range of organic substances and its 30 % humic acid content, AQUAVITAL BLACK PEAT is able to maintain ideal and constant pH values for ornamental fish from all soft-water areas.

Package sizes:
1,200 ml (317 gal)

FRESH WATER
lowers the pH
with long-term effect

AQUAVITAL
GRANU-PEAT

Granulated pure peat is the nearly dust-free alternative with long-term effect. Thanks to its special granulated form AQUAVITAL GRANU-PEAT uniformly releases valuable humic acid, trace elements, growth and mineral materials into the aquarium water, thus guaranteeing a long-term effect and water acidification.
Package size: 1,200 ml (317 gal)

FRESH AND MARINE WATER
Fully synthetic filter medium
for internal and external filters

AQUAVITAL
BLUE MAGIC

AQUAVITAL BLUE MAGIC filter floss is a fully synthetic filter medium for use in all commercially available internal and external filters. AQUAVITAL BLUE MAGIC filter floss is also used as spawning substrate and to clean glass without leaving any scratches.
Package sizes:
100/250/500 g (3.5/8.8/17.6 oz)

FRESH AND MARINE WATER
Classical white filter floss
for fine filtration

AQUAVITAL
WHITE MAGIC

AQUAVITAL WHITE MAGIC filter floss is a fully synthetic, fine filter floss. It is chemically neutral and can be used in fresh and marine water. It is easily washed out and can be used several times.

Package sizes:
100 g/250 g/500 g (3.5/8.8/17.6 oz)

FRESH AND MARINE WATER
ph-neutral activated carbon
without phosphates

AQUAVITAL
CARBON

AQUAVITAL CARBON is a high performance activated carbon made of valuable hard coal. Due to the special pellet-form AQUAVITAL CARBON is highly resistant to mechanical strain and has a very low share of dust.

Package sizes:
500 ml/1,000 ml (16.9/33.8 oz)

FRESH AND MARINE WATER
Adsorbs phosphate and silicate without releasing aluminium

AQUAVITAL
PHOSPHATE ADSORBER

CAPACITY:
> 50 g PO4/kg
SURFACE (BET):
300 m²/g
PELLET SIZE:
0,5 - 2,0 MM

AQUAVITAL PHOSPHAT ADSORBER is a moisty phosphate binder with extraordinary high exhaustion rates. Even after exhaustion of the material there is no emission of phosphate to the water, like with many other similar products.

Package sizes:
250/1,000 ml (8.5/33.8 oz)

FRESH AND MARINE WATER
Active in one turn!

AQUAVITAL
BACTOSPRINT

Innovative 2-components-product. The balanced mixture of bacteria and enzymes in the sealed capsule of the cap is activated in a nutrient solution immediately before use. AQUAVITAL BACTOSPRINT shortens the aquariums "set-up-phase", neutralizes ammonium, ammoniac, nitrite and nitrate and strengthens the ecosystem.

Package sizes:
for up to 500 l (132 gal) of water / 6-weeks-cure

FRESH WATER
Compound fertilizer for aquarium plants

AQUAVITAL
PLANTAPLUS

Highly effective compound fertilizer with plant nutrients and trace elements. The use of AQUAVITAL PLANTAPLUS guarantees abundant growth, even in problem plants, without excessive algae formation. In addition to the valuable trace elements (e.g. manganese, zinc, cobalt), AQUAVITAL PLANTAPLUS contains a high-quality form of bivalent iron. AQUAVITAL PLANTAPLUS does not contain phosphates or nitrates.

Package sizes:
for 100/500/1,250/25,000 l (26/132/330/6,604 gal) aquarium water

HARDNESS
> 56 SHORE A

FRESH AND MARINE WATER
Glues and seals
under water

ORCA
UNDERWATER GLUE

Glues and seals even in full aquariums or ponds. Does not contain any solvents, isocyanates and silicones. Can perfectly be used for sealing in moisture and high temperatures.

Package sizes:
75/450 g (2.6/15.9 oz)

FRESH AND MARINE WATER
Fast and easy connection of corals
and decoration materials

ORCA
CONNECT

For fixing corals and aquarium decoration. Very easy and clean to handle. Chemically neutral, does not release any undesirable substances to the aquarium water. Any unused material residues can be used by remelting fully again.

Package size:
150 g (5.3 oz)

FRESH AND MARINE WATER
Glues in seconds

ORCA
GEL-SUPERGLUE

For under water fixing of corals (e. g. Acropora) and water plants (e. g. in nano aquariums). ORCA GEL-SUPERGLUE dissolves completely in water over time and is therefore ideal for fixing growing reef elements or water plants.

Package size:
50 g (1.8 oz)

FRESH AND MARINE WATER
For temporary repairs

ORCA
TAPE

Self-fusing tape to seal damaged pipes and to insulate electric cables. orca tape can be applied to virtually any material. It is ideal for temporary repairs.

Package size:
1 role at 3 m (118 in)

FRESH AND MARINE WATER
Epoxy-2-components-glue

ORCA
CONSTRUCT

2-components-glue for fixing corals, decorations and stones. For the repair of damages and holes on pipes, sanitairy equipments, pools, tanks, etc.

Package size:
115 g (4 oz)

FRESH AND MARINE WATER
Intensive cleaning and descaling

PURECLEAN
PUMP CLEANER

URECLEAN is an effective product for descaling and cleaning pumps, CO2 reactors and similar aquarium or pond equipment. The product is much more effective and acts far more quickly than substances like vinegar or citric acid.

Package size:
500 ml (132 gal)

FRESH AND MARINE WATER
Robust and durable
in continuous operation

MISTRAL 300 + 600
AIR PUMP

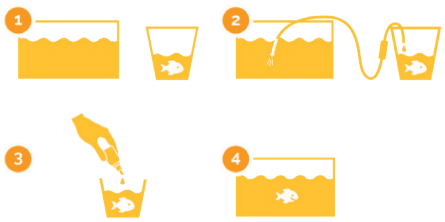
MISTRAL air pumps have a durable body of aluminium and offer a long service life, even when operated continuously. They are very powerful with a low consumption of electricity and offer minimal vibration and quiet operation. The airflow can be regulated electronically.

Sizes:
MISTRAL 300: 150 l/h (39.6 gal/h)
MISTRAL 600: 480 l/h 127 gal/h)

FRESH AND MARINE WATER
Acclimatisation of new livestock

SMART MOVE
ACCLIMATISATION KIT

Professional tool with the necessary components to gently acclimate new livestock



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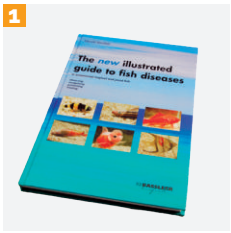
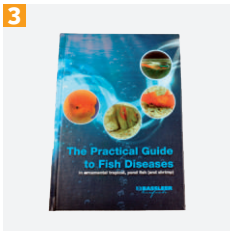


THE NEW ILLUSTRATED GUIDE TO FISH DISEASE
Literature

2

DVD: THE NEW ILLUSTRATED GUIDE TO FISH DISEASE
Diagnostic software

3



THE PRACTICAL GUIDE TO FISH DISEASE
Literature

4

MONOCULAR MICROSCOPE
incl. digital camera with USB plug

DIAGNOSTICS
HELP FOR DIAGNOSTICS

1 Dr. Gerald Bassleer: large guide
The new illustrated guide to fish disease

With 1,000 color pictures of fish suffering from diseases, this reference book is an easily understood aid for analysing and treating diseases of ornamental fish. One of the standard reference books of professional ornamental fish farmers, wholesalers, veterinarians and ambitious aquarists.

2 Dr. Gerald Bassleer: Diagnostic software (DVD)
The new illustrated guide to fish disease

In addition to the complete content of "The new illustrated guide to fish disease" the DVD provides an additional 65 videos of diseased fish as well as a comprehensive diagnostic tool. With an integrated search function keywords can be seeked in the entire content.
The software is password protected and can only used in conjunction with the book.

3 Dr. Gerald Bassleer: compact guide
The Practical Guide to Fish Diseases

The little subsidiary of the elder brother "The new illustrated guide to fish diseases". It contains the best parts and selected pictures, extended and updated with a part about diseases of shrimps, new knowledge and active agents.

4
Monocular microscope
incl. digital camera with USB plug

In addition to the standard microscopy function, the package also contains a digital camera with an USB port together with a comprehensive software package that allows you to transfer and process images and video to your computer. Images can be sent by e-mail to obtain outside expert assistance.

AQUATIC ACCESSORIES
DECORATION AND REEF BUILDING

All items are 100 % natural, free from any contaminants and comply to the current legislation for the protection of species and nature.

EXTRACT FROM OUR PROGRAM

AQUA BONSAI

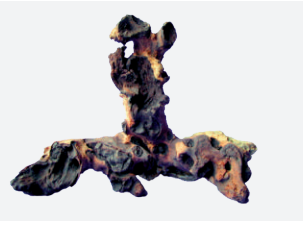
CANYON PAGODE

LAVA

VUKA-WOOD

NANO HOLESTONE

ASIAN HOLESTONE



MOPANI WOOD

RED SWAMP ROOT

Our decades of cumulative knowledge in the aquatic field, we have consequently implemented in the area of the garden pond.

GARDEN POND WATER

HEALTH AND WELLBEING FOR GOLDFISH, KOI & CO.

The water quality is an important parameter for the health and wellbeing in the garden pond as well as with aquarium fish.

Also in the garden pond a stable ecosystem is a must for a clean and clear water and a healthy aquatic life. A balanced, natural planting is not only for the beautification of the pond. As a nutrient competitor it prevents excessive growth of algae.

Last but not least, a garden pond is also influenced by the seasons. In addition to the temperatures the pond's ecosystem is influenced by different lighting conditions. The maintenance and care products should be adjusted accordingly.

FRESH AND MARINE WATER
With Aloe vera,
iodine and vitamin C

AQUAVITAL
STRESS-PROTECT-T

With a balanced combination of 40 % Aloe vera together with iodine and vitamin C, AQUAVITAL STRESS-PROTECT-T strengthens the immune system of ornamental fish making them more resistant to pathogens and promoting healing.

Package size:
5 l for 25,000 l of pond water
(1.3 gal for 6,604 gal of pond water)

FRESH AND MARINE WATER
With bio-colloids
+ power chlor-ex

AQUAVITAL
CONDITIONER+T

AQUAVITAL CONDITIONER+T binds and neutralizes harmful heavy metals, neutralizes chlorine in a few seconds and stabilizes the pH. Valuable bio-colloids benefit the protecting mucous menbrane.

Package size:
5 l for 25,000 l of pond water
(1.3 gal for 6,604 gal of pond water)

FRESH WATER
To strengthen
the ecosystem regularly

AQUAVITAL
POND PEAT

AQUAVITAL POND PEAT is a pure natural black peat without any chemical additives. Highly effective humic acid makes the water soft and lowers the pH. AQUAVITAL POND PEAT contains 30 % of weight humic acids and therefore is extraordinary effective.

Package size:
10 l for approx. 4,000 l of pond water
(2.6 gal for 1,057 gal of pond water)

FRESH WATER
Reliable analysis of the six most important parameters in 60 seconds

AQUAVITAL
MULTITEST 6in1

The AQUAVITAL MULTITEST 6in1 allows you to quickly, easily and reliably determine the six most important parameters for fresh water: pH, Total Hardness (GH), Carbonate Hardness (KH), Nitrite (NO_2), Nitrate (NO_3) and Chlorine (Cl_2).

Package size:
50 x 6 tests = 300 tests

FRESH AND MARINE WATER
Glues and seals under water

ORCA
UNDERWATER GLUE

Glues and seals even in full aquariums or ponds. Does not contain any solvents, isocyanates and silicones. Can perfectly be used for sealing in moisture and high temperatures.

Package sizes:
75/450 g (2.6/15.9 oz)

FRESH AND MARINE WATER
For temporary repairs

ORCA
TAPE

Self-fusing tape to seal damaged pipes and to insulate electric cables. orca tape can be applied to virtually any material. It is ideal for temporary repairs.

Package size:
1 role at 3 m (118 in)

FRESH AND MARINE WATER
Robust and durable in continuous operation

MISTRAL 300 + 600
AIR PUMP

MISTRAL air pumps have a durable body of aluminium and offer a long service life, even when operated continuously. They are very powerful with a low consumption of electricity and offer minimal vibration and quiet operation. The airflow can be regulated electronically.

Sizes:
MISTRAL 300: 150 l/h (39.6 gal/h)
MISTRAL 600: 480 l/h 127 gal/h)

COMFORT, EFFICIENCY, SECURITY
AQUA-CLIPPER SEALING SYSTEMS

AQUA-CLIPPER are on duty worldwide for decades. They fill up a fish transport bag with pure oxygen and seal it absolutely tight with a clip made of aluminium.

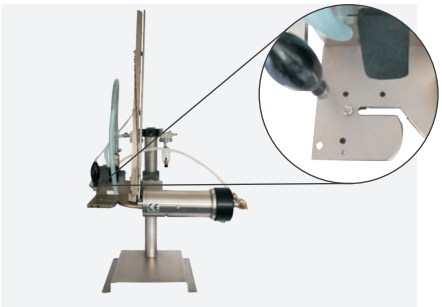
This makes a transport safe without any problems even for many hours. AQUA-CLIPPER sealing machines are fully automatic, very robust and easy and efficient in handling.

AQUA-CLIPPER have got a body made of stainless steel. It does not matter if you use an AQUA-CLIPPER in moisty tropical heat or polar climate, in conjunction with fresh water or marine water. We have many experiences through longterm users in every region of the world. AQUA-CLIPPER manage any kind of fish transport bag made of various materials, from single mini-bag up to big double-bags. Anyone who has to deal with packaging of fish, appreciates the easy handling and the huge tempo of output.

To fill up a bag with oxygen and seal it is a matter of a few seconds.

And as it is known that time is money, the system is especially convincing when looking at the economy.

We have a suitable AQUA-CLIPPER for any purpose. Please ask for our advice.



AQUA-CLIPPER 206 + 406
For bags up to 50 cm width

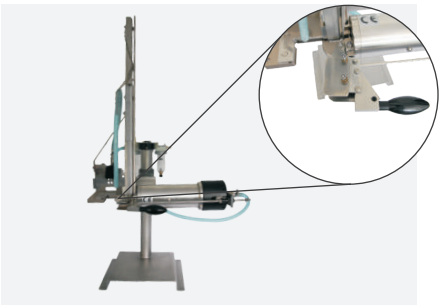
The models AQUA-CLIPPER 206 and AQUA-CLIPPER 406 with slot clip zone are the first access to the world of AQUA-CLIPPER sealing systems. They provide full functionality for fish transport bags up to 50 cm (= approx. 2'') width.

AQUA-CLIPPER
MODEL AQUA-CLIPPER 206

Clip types	175, 200
for bags	width max. 33 cm (13 in)
	with a thickness of max. 80 µm (3 mils)
Magazine capacity	240 clips
Weight without stand	approx. 11 kg (24 lbs)
Dimensions (W x D x H)	52 x 25 x 64 cm (20 x 10 x 25 in)
Air pressure	max. 6 bar (90 p. s. i.)
Air consumption	4 Nl each cycle at 6 bar (90 p.s.i.)

AQUA-CLIPPER
MODEL AQUA-CLIPPER 406

Clip types	370, 400, 425, 450
for bags	width max. 50 cm (20 in)
	with a thickness of max. 80 µm (3 mils)
Magazine capacity	240 clips
Weight without stand	approx. 11 kg (24 lbs)
Dimensions (W x D x H)	52 x 25 x 64 cm (20 x 10 x 25 in)
Air pressure	max. 6 bar (90 p. s. i.)
Air consumption	4 Nl each cycle at 6 bar (90 p.s.i.)



AQUA-CLIPPER 407
Universal machine
for small bags as well as bigger bags

AQUA-CLIPPER
MODEL AQUA-CLIPPER 407

Clip types	370, 400, 425, 450
for bags	width 20 - 50 cm (8 - 20 in)
	with a thickness of max. 100 µm (4 mils)
Magazine capacity	240 clips
Weight without stand	approx. 11 kg (24 lbs)
Dimensions (W x D x H)	52 x 25 x 64 cm (20 x 10 x 25 in)
Air pressure	max. 6 bar (90 p. s. i.)
Air consumption	4 Nl each cycle at 6 bar (90 p.s.i.)

Extra options

Option 407 vario	with Y-magazine for the fast switch of clips
Option 407 plus	with lever for the packaging on the assembly line
Option 407 vario plus	with Y-magazine and lever

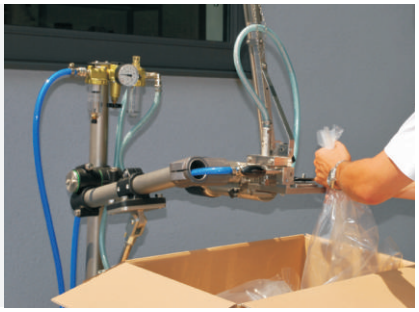
The model AQUA-CLIPPER 407 is the comfort model for most sealing tasks in fish transport. Due to its clip zone with gatherer even thicker bag material can be introduced into the machine. Small bags as well as big bags are handled reliably with AQUA-CLIPPER 407. Especially double-bags can be sealed in one operation. With extra options AQUA-CLIPPER 407 can be upgraded for many tasks.

Y-MAGAZINE
For the simultaneous utilization of two different sizes of clips

AQUA-CLIPPER
Y-MAGAZINE

Due to the Y-magazine the AQUA-CLIPPER can be loaded with two different sizes of clips.

If you are handling different sizes of bags permanently, you can change between two sizes of clips with one single stroke.



LEVER
Especially for shippers who are packing on the conveyor belt

AQUA-CLIPPER
LEVER

Especially for shippers who are packing on a large scale on the conveyor belt, a lever was developed with which the seal comes to the bag and not the other way round any more. The result: More seals with less need of energy. The bags remain in the box and can be moved by the conveyor belt.

HIGH PRECISION CLIPS
Full performance and security with high precision clips

AQUA-CLIPPER
HIGH PRECISION CLIPS

Only by using high grade original clips, the AQUA-CLIPPER sealing system can reach its full performance and security. The utilization of low grade clips of asian or american origin may affect the tightness of the sealed bag and damage the AQUA-CLIPPER by enduring usage. Even a small, barely visible burr or a small groove can make the bag losing oxygen within the hours of transport. Our high precision clips are purpose-built especially for the packaging of ornamental fish. Each single clip is manufactured and deburred with high precision. A coating of wax will lead to exact handling by the AQUA-CLIPPER and extends the lifetime of the matrix that is forming the clips.

AQUARIUM MÜNSTER -
FISH LIKE US

Ornamental fish and the name Pahlsmeier and Aquarium Münster have been connected inseperably for decades. Everything began with an ornamental fish breeding concern founded by Adolf Pahlsmeier Snr. in 1926, which was soon to achieve international recognition.

Under the management of Adolf Pahlsmeier jr. the company developed further to an ornamental fish wholesaler. Import and Export were now in the foreground.

With the pioneering invention of FAUNAMOR, the first remedy against Ichthyophthirius (white spot disease), the business concept was changed in 1968. The range of high quality aquatic products was extended on a continual basis and is today the most important branch. Milestones during this period were the sole distribution of FURANACE-P (later: AQUAFURAN) and the developement of the patented dosing system series-P. Other innovations are the AQUA-CLIPPER, different underwater glues and AQUAVITAL BACTOSPRINT, the first 2-components-product with immobilized microorganisms that are activated immediately before use.

In recent years the company developed into a service provider for contract production and services to meet legal regulations and pharmaceutical standards. Today the company is managed by the brothers Dirk Pahlsmeier and Mark Pahlsmeier. Aquarium Münster partners are found in all important markets all over the world.

Dirk Pahlsmeier

Mark Pahlsmeier

Aquarium Münster Pahlsmeier GmbH
Galgheide 8
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info@aquarium-munster.com

wueins concept

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