

**ELECRO**  
ENGINEERING

Are you ready  
to  
Quantum leap...?



# QUANTUM

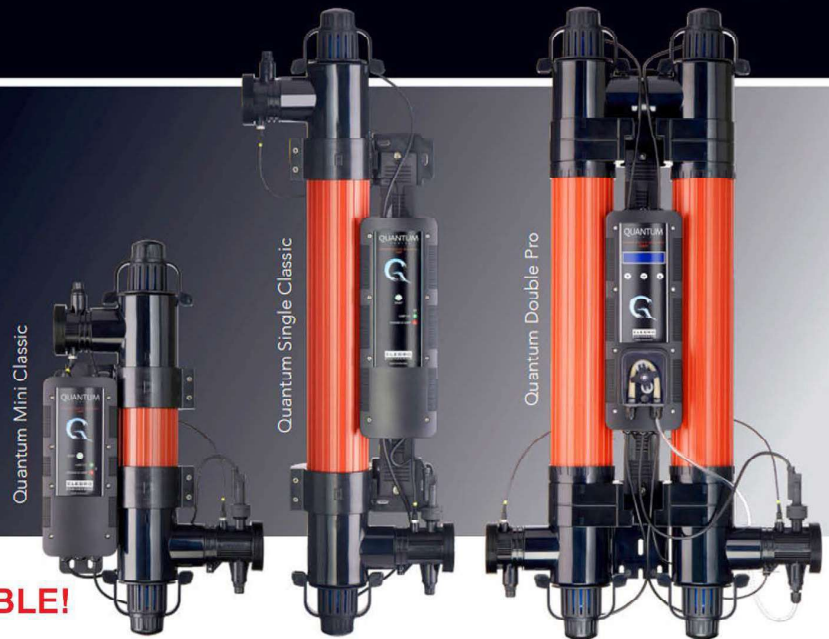
Quantum uses new ceramic Nano Crystal technology, a prime focus of the science world today; possessing the power to sterilise sewage into drinking water without the use of chemicals.



Residential Pools

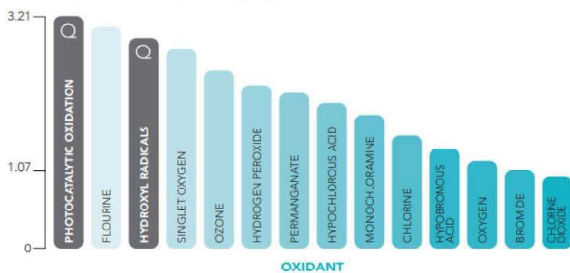


Aquatics

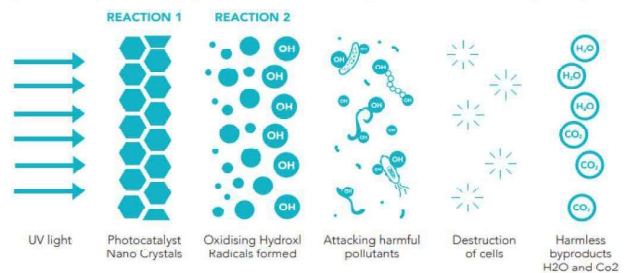


**MOST POWERFUL UVC AVAILABLE!**

## OXIDATION STRENGTH (EV)



## THE SCIENCE BEHIND PHOTOCATALYTIC OXIDATION (PCO)



## NEW!- High quality "THOMAS" airpumps

**THOMAS**



### Features:

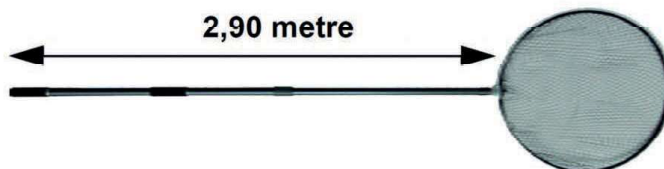
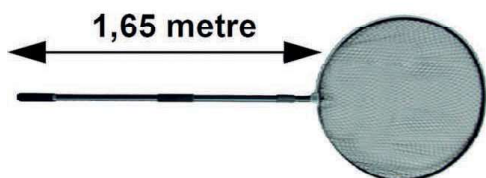
- Oil-less
- Long life
- Extremely high efficiency
- Worldwide service network
- Low noise/vibration
- Protection class IP54
- CE Approved (230V models with housing and cord with plug)
- Integrated intake filter

# Nets and Handles

## AquaForte Nets / Handles

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60cm Dia AquaForte Net with 1.6mtr - 3mtr Telescopic handle	NH579	82.97
80cm Dia AquaForte Net with 1.6mtr - 3mtr Telescopic handle	NH580	94.58
100cm Dia AquaForte Net with 1.6mtr - 3mtr Telescopic handle	NH581	105.19



## Koi PRO Nets and Handles

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KOI PRO ALU KOI NET Ø 60 CM & HANDLE 250 CM	NH555	126.95
KOI PRO ALU KOI NET Ø 80 CM & HANDLE 300 CM	NH578	143.79



These nets are high quality yet affordable, lightweight and storable. The handles are fixed and have rubber handle grips



## Norfine Nets / Handles

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66cm complete with 2mtrs alluminum handle

100cm Norfine Net Head (Heavy Duty)	NH591	79.53
90cm Norfine Net Head (Heavy Duty)	NH590	64.06
74cm Norfine Net Head	NH557	46.27
61cm Norfine Net Head	NH558	43.18
66cm Net Complete with 2mtr Aluminium Handle	NH560	50.59



1.2mtr Alluminum Handle (Click fit Head)	NH592	24.56
1.8mtr Alluminum Handle (Click fit Head)	NH593	35.19
2.4mtr Alluminum Handle (Click fit Head)	NH594	39.45



NEW - 90cm & 100cm Heavy duty Click fit heads



# Nets and Handles

## Wooden handled complete nets

G

19" Wooden Handled Complete net	NH561	45.04
25cm x 23cm Small Leaf Nets (1mtr wooden handle)	NH562	10.26



## Telescopic handles

P

6-12ft Extendable Handle	PC585	40.83
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These aluminium handles have a twist and lock fitting which allows the user to lock the extension at the desired length. They have a universal (two hole) click fit end which fits a wide range of heads such as- Norfine nets, leaf nets, vacuum heads etc. (most heads fit these poles)



## Koi Handling Socks

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11" Koi Sock Net	NH564	30.58
11" Watertight Sock Net	NH565	37.33
27cm Blue Transfer sock (watertight) JAPANESE	NH5651	102.82
30cm Blue Transfer sock (watertight) JAPANESE	NH5652	108.09

Koi socks are designed to carry a koi from the pond to a inspection bowl or tank without causing harm or stress to the fish. The watertight sock means the water remains in the sock and is very useful for quickly filling up or emptying an inspection bowl.



# Nets / Bowls / Tanks

## Culling nets

8" Japanese Culling Net	NH5653	29.00
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Culling nets are used for selecting smaller Koi.



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## Flexible Koi Bowls

Aquaforte Flexible Koi Bowl 180cm	BT6151	160.23
Aquaforte Flexible Koi Bowl 120cm	BT616	104.98
Aquaforte Flexible Koi Bowl 90cm	BT594	71.83



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These Collapsible Flexi bowls are made from a Blue waterproof fabric, which are ideal for temporary viewing, medication baths or to observe koi more closely for wounds, disease or defects and of course photography of fish.

## Koi Bowls & Tanks

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KOI PRO BLUE KOI BOWL 80 CM	BT600	87.07
KOI PRO BLUE KOI BOWL 67 CM	BT601	40.81
32" diameter x 15" Dia (150ltr) Bowl with litre measure	BT6031	51.07
28" diameter x 12" (100ltr) Bowl with litre measure	BT603	30.86
26" Dia x 10" Blue Inspection Bowl	BT605	20.13
24" Dia x 10" Blue Inspection Bowl	BT6051	16.46
22" Dia x 9" Blue Inspection Bowl	BT6052	15.24
52"x28"x24" Rectangular Tank (BLUE)	BT606	417.52



**NEW 32" diameter with 150ltr measure**

## Tanks & Measuring Tanks

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PLASTIC KOI MEASURING TANK 80 CM	BT599	42.03
POLYESTER KOI MEASURING TANK 115CM	BT6061	136.62
Aquaforte Flexible Measuring Bowl 101cm x 41cm x 28cm	BT617	67.71



# Isolation Baskets / Tanks

## Floating isolation nets (inc cover)

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SKS 76cm Floating Net inc Net Cover	BT595	57.07
SKS 106cm Floating Net inc Net Cover	BT596	73.53
76cm Tub Cover	BT597	14.45
106cm Tub Cover	BT598	16.76



The Norfine Floating Isolation Cage is perfect for holding koi for short periods of time.

The Floating Retaining Net has many advantages over the floating basket, it's soft and can't damage the Koi and like the Floating Basket the water flows through it changing it all the time.

The Norfine Floating Isolation Cage has its own elasticated cover to prevent the Koi from jumping out.

## Japanese style zip-up cage nets

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**\* Japanese style floating containment net.**

**\* Smooth Black 3mm mesh netting.**

**\* 40mm diameter floatation pipework frame.**

**\* Small weights in the bottom corners to sink the bottom.**

**\* Zip up lid (4 x zips)**



**Available in- 60cm x 60cm x 60cm and 92cm x 92cm x 92cm**

2ft x 2ft x 2ft Japanese style containment zip cage	BT200	55.44
3ft x 3ft x 3ft Japanese style containment zip cage	BT201	73.87

# Automatic Feeders

## Aquaforste 5ltr

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Aqua Forte Auto Feeder Holds 5Ltr

AF1025

98.21

- Can feed up to 6 times per day
- Food quantity per feeding can be set freely
- Each feeding time can be set
- Manual feeding button
- LED display panel, can display clock and feeding paramete
- Low battery indicator. Works on 4 "C/LR14" 1,5 V batteries (not included) or on 12V transformer (included!)
- 5L food capacity
- Removable locking lid and food tank for easy cleaning
- Clip angles included

**AQUA  
FORTE**

12V transformer with 5 metre cable is included!



Works with batteries or with help of 12V transformer



## Aquaforste 6ltr Solar

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The solar panel automatically charges the internal battery to supply the feeder with power. The feeder comes with pegs to raise the feeder higher above the ground.

- 6 liter food capacity.
- 1 - 6 feedings per day.
- Feeding time up to 20 seconds.
- Pellet size from 3 to 10mm (no flakes or sticks!).
- 3 Feed distribution distances: ± 1, 2 or 3m.
- Distribution angle: 120° horizontal.



Aqua Forte 6LTR Solar powered Auto Feeder

AF1050

190.64

## Aquaforste 8ltr

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Totally new concept in design and reliability. Suited for moist weather conditions. Easy to install. The lid has a special compartment for silica gel/desiccants to keep the food extra dry. Can hold up to 8 liter of food. Easy to expand to 15 liters by adding an extra container on top. Can feed pellets from 3 to 10 mm. Not suited for dried shrimps/insects.



- 1 - 6 feeding times per day.
- Adjustable food amount from 5 g to 3 kg per day.
- 0 - 9 days interval options.
- No memory loss after power off.
- 8 liter food capacity (expandable to 15 liter).
- Standard power source 4 x penlight battery (not included)

Versatile power options (not included):

- 4 AA batteries;
- Rechargeable battery pack;
- Power adapter;
- Solar panel.

AquaForte Fish Feeder 8ltr	AF1038	208.86
AquaForte Adapter 6V for feeder 8ltr	AF1039	12.89
AquaForte 7ltr expansion for feeder	AF1040	33.45
AquaForte solarpanel 1m cable for feeder	AF1041	23.85
AquaForte battery feeder/solar panel	AF1042	45.12
AquaForte 5m cable for feeder 8ltr	AF1043	12.89

# Automatic Feeders

## Aquaforte

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Aquaforte Econofeeder	AF1034	256.77
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New model, now available with 3-knob controller for easy programming! Using an automatic feeder to feed your fish has many advantages. You will get the most out of your fish by always giving them the correct amount of food. This makes for optimal growth and a more beautiful colour pattern for fish such as koi. Smaller quantities of food are dispensed per feed, which is healthier for the fish and better for the pond. When the fish eat all the food there is no unnecessary pollution of the water and the filter is less likely to become clogged. With the easy-to-program timer the fish can be fed 1 to 24 times a day fully automatically. You can set the quantity of food by setting the required number of dispensing seconds per feeding from 0 to 600 seconds. The fish can also be fed by using external automation with one or more automatic devices.



### Advantages of the Aquaforte automatic feeder:

- Labour-saving
- Easy-to-set automatic feeding times
- External automation possible for one or more feeders
- Suitable for pellet sizes between 2 and 9 mm
- Attachment bracket supplied
- Electric lead 9 metres long
- Filter less likely to become clogged
- Food container for 7 liters of food
- Made in the Netherlands



## Koi Pro (Superfish)

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Koi PRO Auto feeder	AF1033	117.10
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The Automatic feeder can be programmed to dispense between 1-24 meals into your garden pond and the waiting fish below. Each feed can be set at any desired time and volume allowing you to vary how and when to feed your fish. A mounting bracket is provided to allow installation of the feeder on a wall, post or even ground mounted to sit at the best position around your pond. The control unit is connected to the feeder and can be mounted in any easily accessible position  
*The food hopper can hold up to 7 Litre in food capacity and is suitable for 2-9mm pellets.*



## Linn Profi

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Linn Profi Feeder (High quality)	AF1035	530.91
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Profi Automatic Feeder has developed an alternative to clockwork feeders! The Profi Automatic Feeder has many applications, including Fry feeding, Feeding of koi and ornamental fish, Hobby ponds. The special mechanism of the new Profi Automatic Feeder has been taken from the established Profi Automatic Feeder, a success for many years. This mechanism ensures that the food is delivered to the fish in the required quantities, intact, and without dusting. The food is delivered by a portioning finger, which is driven by a 12V or 230V geared motor. The feeding rate is about 100g per minute according to the feed quality and size.



**MADE IN GERMANY**

# Automatic Feeders

## EVOFeed auto feeder (6ltrs)

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EVO-Feed Automatic Feeder (6ltrs)	AF1037	155,33
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**evoFeed Automatic** is an automatic fish feeder suitable for medium and large ponds. The unit can be programmed to dispense food into the pond at timed intervals throughout the day. The distance the food is propelled, and the amount of time it is dispensed for, are also adjustable.

**Weatherproof**, evoFeed Automatic can be mounted pond side, and is powered via its own built-in, rechargeable battery.

**evoFeed Automatic** is ideal for Koi ponds where large quantities of pellets are fed frequently, throughout the day. It is also ideal for holiday feeding.

The feeder is designed to use **pellets from 3-10 mm diameter**. We do not recommend the use of sticks, flakes or other shapes of food.

The rechargeable lithium battery only needs an overnight charge indoors, to then operate for at least 3 months powered by its own battery, depending of the timer setting. Adapter for charging is included. The feeder will work as normal when adapter is plugged in.

**evoFeed Automatic** is specially designed with a strong motor and extra bottom ventilation over the impeller to prevent the food from clogging.

**Fixing pegs** are included, which makes it easy to place and secure the feeder at the edge of your pond.



Depending on the size of your pond, you can set the feeder motor to **3 different speeds**. This sets the distance that the food is propelled.

As a reference normal 6mm. Koi pellets have the following approximate distance:

- Low: (60%) **1 metre**
- Medium: (80%) **2 metre**
- High: (100%) **3 metre**



Open the base cover plate underneath the feeder to reveal the circuit board where you can adjust the throwing distance (as shown above).

### Amount of food

You can set the timer up to 6 times a day, and for up to 19 seconds each time. As a reference, for normal 6mm Koi pellets, about a handful equals 3-5 seconds.



BATTERY CHARGE INDICATOR

**PROGRAMMABLE** - Feed up to six times per day

**ADJUSTABLE** - Set distance and duration

**DIGITAL** - Clear, accurate display

**BATTERY POWERED** - Up to 3 months off one charge

FEEDING RANGE	FOOD	CONTAINER VOLUME	POWER	DIMENSIONS
1 to 3 metres 120° angle	3 to 10mm pellets only (Not suitable for flake and stick)	6 litre capacity	Built-in rechargeable battery (Indoor charger cable included)	370mm 310mm 400mm (including tray)





# Pond Cleaning

## Net and brush heads

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Deep Leaf Net Scoop (Fits extendable handles)	PC583	10.53
18" Nylon Wall Brush (Fits extendable handles)	PC5833	5.63



## Aquaforte prime Bio-Robot

E

A new era in cleaning a swimming pond and biopool has begun! Aquaforte's best robot cleaner is now available for biopools and swimming ponds. The 4 WD robot is equipped with a special 400µ cartridge for larger organic dirt particles. The robot has an extra wide suction opening of 24 centimeters for easy suction. The transparent window makes it clear to see how full the filter cartridge is. The Biopool robot is a four-wheel drive robot. Thanks to the patented "Lift System", the robot is easy to remove from the water. The robot releases all its water before it is lifted from the swimming pond.



Other specifications of this unique robot:

- **Sensor Nav System™:** This allows the robot to study the dimensions of the swimming pond or biopool for the best and fastest cleaning result.
- **Ultra powerful filter performance:** thanks to the patented Cyclone suction.
- **Ease of use:** less chance of cable confusion thanks to the improved swivel and gyroscope and patented lift system.
- **Communication:** control over the robot with the iAquaLink APP.



*Connects to WIFI via APP*

Aquaforte Prime Bio-Robot	PC600	1829.72
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## Aquaforte Pond vacuum Wet & Dry

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4 in 1: Pond & Pool cleaning, Wet & Dry Vacuum cleaner. 35 Liter content. Wheels for easy transport. Fully automatic operation for draining. 1400 Watt, Size 36 x 36 x 60 cm. Comes with 3 suction heads, 4 m suction hose and 1,5 m discharge hose. Maximum suction height 2 m. Supplied with 4 suction pipes of 50cm of which 2 are transparent.

**AQUA FORTE** <sup>®</sup>  
2 METER

Aquaforte Pond Vacuum (Wet & Dry)	PC610	204.97
Aquaforte Cleaner Bag (for PC610 vacuum cleaner)	PC611	9.76
Aquaforte Pond Vacuum sponge (for PC610 vacuum cleaner)	PC612	5.06



# Pond Cleaning

## Pond-O-Vac Classic

V

OASE Pondovac Classic	PC595	390.77
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The Oase Pondovac Classic is a sludge vacuum cleaner, which can remove debris up to 10 mm in size including algae, string algae, sludge, dead vegetation etc. by way of the suction hose.

With it's 27 litre tank is made of impact resistant plastic and features a self emptying sludge draining system.

The sludge is drawn through an adjustable nozzle (2-10mm) into the container via a 4m connecting hose.

Once the container is full of sludge, the motor switches off automatically.

Power consumption	W	1400
Suction depth max.	m	2
Max. flow rate	l/h	3000



## OASE Pondovac

V

OASE Pondovac 4	PC593	450.51
OASE PondoVac 5	PC599	982.21



Dimensions (L x W x H)	mm	435 x 395 x 670
Rated voltage		220 - 240 V / 50 Hz
Power consumption	W	1700
Power cable length	m	4
Net weight	kg	13,1
Guarantee*G (+ request guarantee)	Jahre	2 + 1
Suction depth max.	m	2,4
Max. flow rate	l/h	5000
Length, suction hose	m	5
Length, discharge hose	m	2,5

The **Pondovac 4** is capable of vacuuming down to depths of 2.4 metres. Also the NEW Oase Pondovac 4 achieves non-stop cleaning avoiding annoying stop/start container emptying, like some of its inferior competitors and the old Pondovac 2.

PondOVac 4



**The PondoVac 5** features a pumped waste outlet, meaning the dirty water can be pumped uphill after the vacuum cleaner to a drainage point rather than via gravity discharge as with previous PondoVac models.

The NEW PondoVac 5 features high suction power of up to 8000 Litres per Hour and the supplied lances enable suction of pond debris and general detritus as deep a 2.5 metres.

Dimensions (L x W x H)	mm	436 x 425 x 716
Rated voltage		230 V / 50 Hz
Power consumption	W	1700
Power consumption pump	W	900
Power cable length	m	7,5
Net weight	kg	24,4
Guarantee*G (+ request guarantee)	Jahre	2 + 1
Suction depth max.	m	2,5
Max. flow rate	l/h	8000
Length, suction hose	m	5
Length, discharge hose	m	10
Floating hose application		38 mm

PondOVac 5



# Cover Nets / Pond defence

## Blagdon

M

Blagdon Fine Black cover net in carry bag 3 x 2m	NH5733	10.50
Blagdon Fine Black cover net in carry bag 4 x 3m	NH5734	17.69
Blagdon Fine Black cover net in carry bag 6 x 5m	NH5735	35.37
Blagdon Fine Black cover net in carry bag 10 x 6m	NH5736	56.40

### Blagdon Strong durable double weave pond covering net

- \*Complete with fixing pegs.
- \*Fine Black Net
- \*Provides protection from predators such as herons and cats
- \*Prevents leaves falling into the pond and causing water quality problems
- \*Stops fish from jumping out of the pond



## Kockney Koi - Yamitsu

M

Kockney Koi / Yamitsu cover net in carry bag 3 x 2m	NH5737	14.95
Kockney Koi / Yamitsu cover net in carry bag 4 x 3m	NH5738	19.63
Kockney Koi / Yamitsu cover net in carry bag 6 x 5m	NH5739	26.52
Kockney Koi / Yamitsu cover net in carry bag 10 x 6m	NH5740	46.15

Presented in reusable zip lock storage bag the Kockney Koi Pond Cover nets will give protection from predators, stops leaves falling into the pond and helps to stop your fish from jumping out.

They each come with flat-headed pegs, which mean when they are inserted fully into the ground there is minimal/no trip hazard.

There are four sizes available:

- Kockney Koi Pond Cover Net 3m x 2m - with 8 Pegs
- Kockney Koi Pond Cover Net 4m x 3m - with 12 Pegs
- Kockney Koi Pond Cover Net 6m x 4m - with 14 Pegs
- Kockney Koi Pond Cover Net 10m x 6m - with 18 Pegs



# Pond Defence

## Velda spinners

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Heron Stop spinner	PD1041	39.65
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This Heron Stop Spinner protects your pond fish by scaring herons and different objectionable birds, by the eyes of a bird of prey and reflecting the light of the shining metal. These design products are a treat for the eye of people, however, they are an enemy for herons and pigeons!



## Aquaforte Pond defence

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Aquaforte Garden Defence 100 (electric fence)	PD1034	90.31
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The Pond Defence Set is an electric fence wire for ponds. It protects fish against herons, cats and other unwanted visitors.

The Pond Defence Set includes 100m of electrical fence wire. It is easy to install and comes complete with pegs.

# AQUA FORTE®



## Motion sensor

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Aquaforte Garden Sniper	PD1038	67.45
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# AQUA FORTE®

The original electronic heron scarer. Detects the heat and movement of an unwanted visitor. The effect of sudden noise, movement and water is both startling and immediate, and animals quickly get out of the area and avoid it in the future. The device is being delivered with a garden hose coupler and a 9V alkaline battery!



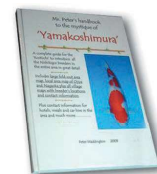
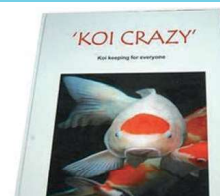
# Books & Koi Bags

## Peter waddington

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Koi Crazy Book (Peter Waddington)	BO1040	22.41
Yamakoshimura (Peter Waddington)	BO1039	13.79

**Bulk deals available**



## Nishikigoi Manual of disease

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Nishikigoi Manual Diseases & Varieties	BO1051	41.25
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The Nishikigoi Manual of Diseases & Varieties contains a brief history of koi and details koi health, beautiful quality photographs, and concise information in both Japanese and English. There is a detailed section on remedies, some of which are not contained in other koi health books. The author, Mr. Kuroki was the long time president of the Japanese Koi hobbyist organization, the Zen Nippon Airinkai association.

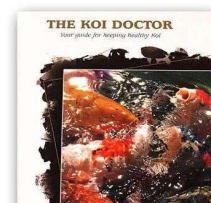


## Maarten Lammens - The Koi doctor

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The Koi Doctor (Maarten Lammens)	BO1050	55.19
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The Koi Doctor is an essential overview of all aspects of Koi keeping. This guide is intended for hobbyists who care deeply about their ornamental fish. The innumerable tips in this book are indispensable for anyone who wants to keep their Koi in the best conditions possible. The Koi Doctor enlists and describes the most common problems in Koi keeping and presents simple solutions if possible.



## AJNPA - Nishikigoi Varieties book

Nishikigoi Varietys Book (AJNPA) *Limited edition*	BO1052	30.00
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There are more than 140 different varieties of Koi, and new varieties are being born all the time. In order for many people around the world to enjoy Koi with peace of mind, we think it is important to have uniform names and standards for the varieties. Therefore, in Japan, the main terms related to Koi, as well as names and definitions of 21 varieties, were established as Japanese Agricultural Standards in February 2022. In this booklet, in addition to the 21 JAS-established varieties, we have established names and definitions for 129 varieties and systematized each variety in an easy-to-understand manner. With these unified standards we hope that Koi will be loved all over the world.



## Koi bags and packaging

F

High Quality Jap Poly Bags (Set of 2) 53cm x 140cm	KB1090	4.42
High quality Jap Poly Bags (Set of 2) 50cm x 110cm	KB1091	3.26
Jap Poly Bags (Single) 40cm x 80cm	KB1092	0.48
56" x 20" Plain Poly Bags	KB1099	1.17
48" x 20" Plain Poly Bags	KB1097	1.05
32" x 17" Plain Poly Bags	KB1098	0.74
Elastic Bands (1lb bag)	KB1095	9.34
Clear Packaging Tape (Per roll)	KB1096	1.57

