

Schematic diagram: UVC clarifier in combination with OASE BioTec ScreenMatic² flow-through filter

## Extras

### Top product characteristics

- Clear and healthy pond water with minimum maintenance requirements
- Particularly long service life thanks to automatic coarse debris extraction before it enters into the filter
- Continuous belt filter at an affordable price

### Recommendation

Combined they are an unbeatable trio for crystal-clear water: UVC clarifier Bitron C and Eco, as well as filter and watercourse pump AquaMax Eco Premium

# BioTEC SCREENMATIC²



\*P. 310

High-performance filter with automatic coarse-debris extraction

BioTec ScreenMatic² 140000



- Highly effective flow-through filter for ponds up to 140 m³
- Significantly less maintenance is required, thanks to coarse debris extraction, upstream from the filter inlet
- Automatically driven self cleaning of the ScreenMatic sieve
- Sludge drain with slide valve for removing debris from the filter system
- Cleaning of filter sponges directly in the filter, without removal
- Optimally matched to OASE AquaMax Eco filter pumps
- Direct connection possibility for Bitron C and Eco UVC clarifiers
- Different filter materials for optimal settlement of filter biology

BioTec ScreenMatic² 40000/60000/90000



PRO

### The clever product improvements are relative to the predecessor model:

- Double-sealed motor for an extended service life
- Adjustable cleaning automation controls the belt, depending on the degree of pollution. Incl. LED function check.
- Water distributor without danger of clogging, permits the ideal jet length of the water
- Sludge basket with greater volume and simplified handling
- Rubberised separating lip for outstanding separation result
- Reinforced strap material for an extended service life
- Lids of models 40,000 and 60,000 with storm-safe fastening clips
- Free brush for occasional cleaning of the belt filter
- Manual belt run now possible via button
- New foam distribution and optimised water level in the container ensure longer filter service life and an improved cleaning result

## PRODUCT DETAILS



### Intelligent function checks

Sensors detect the pollutant level and activate the belt run automatically. An LED display shows required cleaning measures.



### Automatic cleaning

Screened coarse debris is conveyed automatically into the sludge basket



### Sludge basket

Accumulated sludge can be conveniently taken out and removed from the filter system



### Optimised separating lip

For an even better separation result in the case of non-uniform pollution burden.

## Accessories

### Replacement Foam Set BioTec 40000/90000

Red / violet

Item no. 42893 (page 143)



### Replacement Foam Set BioTec 60000 / 140000

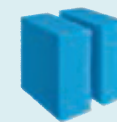
Red / violet

Item no. 42894 (page 143)

### Replacement Foam Set BioTec 40000/90000

Blue

Item no. 42895 (page 143)



### Replacement Foam Set BioTec 60000 / 140000

Blue

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### Discharge pipe

Black DN 75 / 480 mm

Item no. 55043 (page 280)

Black DN 110 / 480 mm

Item no. 50427 (page 280)



### Connection elbow

Black DN 75 / 45°

Item no. 55044 (page 280)

Black DN 110 / 45°

Item no. 50430 (page 280)



## TECHNICAL DATAS

NEW

		BioTec ScreenMatic <sup>2</sup> 40000	BioTec ScreenMatic <sup>2</sup> 60000	BioTec ScreenMatic <sup>2</sup> 90000	BioTec ScreenMatic <sup>2</sup> 140000
Dimensions (L x W x H)	mm	788 x 590 x 445	788 x 590 x 545	788 x 590 x 645	1200 x 800 x 760
Rated voltage (primary, secondary)		-			
Power consumption	W	5			
Cable length 12 V device	m	2.10 (Power unit) + 5.00			
Net weight	kg	20.00	25.00	30.00	95.00
Guarantee (+ request guarantee) <small>* P. 310</small>	Years	2 + 1			
Number of filter foams, total	EA	8		16	18
Number of blue filter foams	EA	2		4	
Number of red filter foams	EA	3		6	7
Number of purple filter foams	EA	3		6	7
Special filter granulate	kg	2.50	3.50	5.00	14.50
Temperature display		No			
Coarse debris extraction	µm	300			
Connection inlet	mm	25 / 32 / 38			25 / 32 / 38 / 50
Connection inlet		1", 1 ¼", 1 ½"			1", 1 ¼", 1 ½", 2"
Connections, outlet		DN 75		DN 110	
Connections, sludge discharge		DN 50			DN 75
Min. flow rate	l/h	4000	6000	8000	6000
Max. flow rate	l/h	9000	11000	12500	17500
Suitable for ponds up to max.	m <sup>3</sup>	40.0	60.0	90.0	140.0
Suitable for ponds with fish stock	m <sup>3</sup>	20.0	30.0	45.0	70.0
Suitable for ponds with koi <sup>1</sup>	m <sup>3</sup>	10.0	15.0	22.5	35.0
Connection to		Bitron C 36 - 110 W, Bitron Eco 120 - 240 W			
Item no. (GB-Version)		-			
Item no.		57694	57695	46178	57696



<sup>1</sup> Note: When planning a new pond with koi stock, please ensure a minimum pond size of 5 m<sup>3</sup>!