



	Fresh Water	Pool Water	Sea Water	220-240 V	400 V	110-120 V	50 Hz	60 Hz	12 V AC	24 V DC	DMX	DMX/RDM	Plug and Spray
BioTec ScreenMatic ²													

BIOtec SCREENMATIC²

The successful high-performance filter – completely redesigned

Significant improvements relative to the predecessor model.

Long service life thanks to automatic coarse debris extraction before it enters into the filter. Continuous belt filter at an affordable price.

INNOVATION – MADE BY OASE



BioTec ScreenMatic² 140000

Product characteristics at a glance

- 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 Screen-Matic 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

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.



Intelligent function checks

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



Optimised water distributors

Ensures an ideal water check over a broad pump spectrum, entirely without narrow points susceptible to clogging.



Sludge basket

Significantly greater convenience in handling the basket. Innovative contamination barriers prevent leaking out into the filter chamber.



Rubberised separator lip

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

- 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
- 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

Accessories (must be ordered separately)

 <p>Spiral hoses, green with black -spirals (pressure: 6 bar)</p> <ul style="list-style-type: none"> • Frost-resistant and UV-resistant • Good sinking characteristics • Temperature-resistant to + 60 °C • Heavy-metal free – guaranteed 		
Spiral hoses		
1 ½"	25 m length	Order no. 52981
2"	20 m length	Order no. 36500
Replacement filter sponges		
for BioTec ScreenMatic²	red / purple	Order no. 42894
for BioTec ScreenMatic²	blue	Order no. 42896

BioTec ScreenMatic² 140000		
Dimensions (L x W x H)	[mm]	1200 x 800 x 760
Rated voltage (primary, secondary)	[V/Hz]	230 V / 50 Hz, 12 V
Power consumption	[W]	5
Cable length 12 V device	[m]	2.10 (power unit) + 5.00
Net weight	[kg]	95.00
Number of filter foams, total	[EA]	18
Number of blue filter foams	[EA]	4
Number of red filter foams	[EA]	7
Number of violet filter foams	[EA]	7
Special filter granulate	[kg]	14.50
Temperature display		No
Coarse debris extraction	[µm]	300
Connections, inlet	[mm]	25 / 32 / 38 / 50
Connections, inlet		1", 1¼", 1½", 2"
Connections, outlet		DN 110
Connections, sludge discharge		DN 75
Min. flow rate	[l/h]	8000
Max. flow rate	[l/h]	17500
Suitable for ponds up to max.	[m³]	140.0
Suitable for ponds with fish stock	[m³]	70.0
Suitable for ponds with koi*1	[m³]	35.0
Connection to		Bitron C 36–110W + Eco 120–240W
Order no.		57696