

**aquadetox**<sup>®</sup>  
i n t e r n a t i o n a l

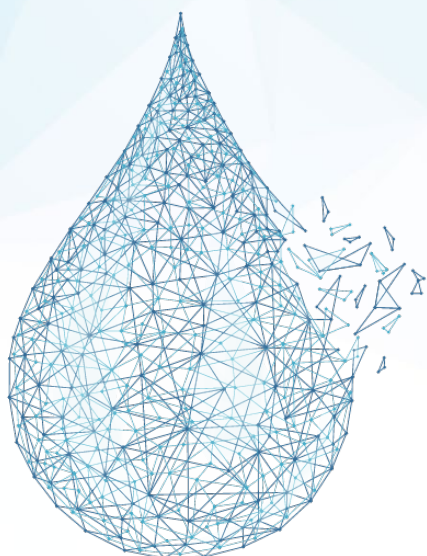
water ∨ waste water ∧ technology



biological  
waste water treatment  
with recycling

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## Water concerns us all

### Visions for a limited common good

Clean drinking water is one of the most valuable resources of our planet. A good which should outweigh every cost-benefit calculation.

Since 1994 we live our vision to internationally help companies to put clean waste water in the balance of their life cycle assessment.

## A biological approach for the protection of the resource water

The name aquadetox international stands for biological waste water treatment, recycling and disinfection of all kinds. In addition to our core competence, the systems for biological waste water treatment, our portfolio also includes the waste water analysis as well as the support of planners and architects in the conception of industrial systems. The realisation of individual services belongs to our portfolio as well as the creation of complete concepts and its realisation up to approval procedures and commissioning.

One of our favorite challenges are the so-called "difficult industrial waste waters". Based on the classic biological waste water treatment the systems BioSaver® and BioCiron® offer the possibility of an additional, hygienically harmless disinfection for the supply of clean, high-quality process water from the own process cycle.

### everything from one

Who knows his goal, finds the way. This is also true for the developing of complex waste water treatment systems. We accompany you on your way and attach value to competent and comprehensive advice as decision-making tool.

- ✓ **Consultation**
- ✓ **Planning**
- ✓ **Realisation**
- ✓ **Maintenance**

## Technical know-how and passion – the essence of our success

To ease every company its contribution to the waste water treatment and cleaning as far as possible we offer customer-specific solutions in the field of biological water and waste water technology which set standards.

With a view to the current developments many entrepreneurs fear new guidelines for the legal environmental protection. These arrangements are a chance for us to accompany modifications together from its origin in the heads of the responsible persons up to its mouth into future-oriented solutions.

The future-proof and situation-optimized design of our systems is enabled by a modular construction which also withstand future environmentally relevant and operational changes.

### Standard systems in comparison

	BioSaver®	BioCiron®
Space requirement	1m <sup>2</sup> - 2m <sup>2</sup>	ab 2m <sup>2</sup>
Capacity	up 4,5 m <sup>3</sup> /h	without limitation
Application	CarWash	CarWash / industry
Process water quality	FTU < 10	FTU < 10
Fresh water consumption	up to 98%	up to 98%
Recycling	yes	yes
Disinfection	yes	yes
Maintenance effort	semi-annual	semi-annual
Type approval	yes	yes
Floccuant and disinfectant	-	-
Coalescence separator	-	-
Odour	-	-

## Oblique clarifier in comparison

	BioNator®	BioPower®	BioSimplex®	BioClassic®
Space requirement	1m <sup>2</sup> - 2m <sup>2</sup>	2m <sup>2</sup>	1m <sup>2</sup>	2m <sup>2</sup> - 9m <sup>2</sup>
Capacity	up 3,0 m <sup>3</sup> /h	up 2,0 m <sup>3</sup> /h	up 5,0 m <sup>3</sup> /h	up 40,0 m <sup>3</sup> /h
Application	Garage operation (CH)	Workshops	CarWash	CarWash
Process water quality	-	-	FTU < 100	FTU < 100
Fresh water consumption	up to 98%	up to 85%	up to 85 %	up to 85%
Recycling	-	yes	yes	yes
Disinfection	yes	yes	-	-
Maintenance effort	semi-annual	semi-annual	semi-annual	semi-annual
Type approval	yes (CH)	yes	yes	yes
Flocculant and disinfectant	-	-	-	-
Coalescence separator	-	-	-	-
Odour	-	-	-	-

## There is the right system for every waste water.

Let our experts individually advice you. Together we will find the optimal solution for your processes and your water situation on site. If there is no suitable standard given in the waste water treatment, we develop the solution for your desired result within a pilot system.