

# The patented solution



- **Effective germ control** in industrial process fluids
- **Technical plant expertise** to improve your process water

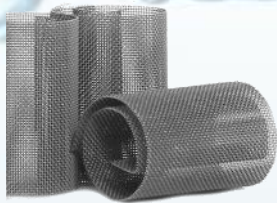
## Protection against germs in:

- ✓ **Rinse water** from electroplating plants, in wire production, rolling mills, circuit board production
- ✓ **Cooling water** in tanks of cooling units, e.g. from lasers or servo drives
- ✓ **Closed cooling circuits**, e.g. plastic injection molding
- ✓ **Painting systems** (water-based)
- ✓ **Preparation water** for cooling lubricants or paints
- ✓ **Reverse osmosis systems**
- ✓ **Water softening systems**

For further applications please contact us.

## Your system sizes / our products:

From 0,1 liter



**ae-aqua rings**

35 – 100 liter



**ae-aqua baskets**  
T2-35, T2-70, T2-100

800 + 1.700 liter



**ae-aqua BigBlue**  
10" + 20"

800 – 7.000 liter



**ae-aqua module**  
with remote monitoring  
(Industry 4.0)

## Advantages of the **System**

- ✓ **Effective germ reduction** without chemical biocides, no resistance build-up
- ✓ **Scientifically proven antimicrobial effect** (TÜV Rheinland and others), **tested in space on the ISS** and successfully used by numerous customers
- ✓ **Significant savings in germ control costs by up to 57%** (e.g. by reducing downtimes, disposal costs and significantly increasing the service life of the process fluids, etc.)
- ✓ **Can be used in a wide variety of industrial areas, with system sizes from 0.1 l to several cubic meters**
- ✓ **Easy retrofitting** of existing systems (drop-in or bypass), **Industry 4.0 standard**

# The aqua® System

The main components are **ae-aqua** germ filter elements based on the worldwide patented **AGXX® technology**. This is characterized by its special antimicrobial effect.

**Every application is different:** The best possible germ reduction results from an optimized system and the customer-specific **ae-aqua** solution.

**Our solutions are as specific as your requirements. Ask us, we will gladly advise you. Benefit from our many years of experience, just like these companies (selection):**

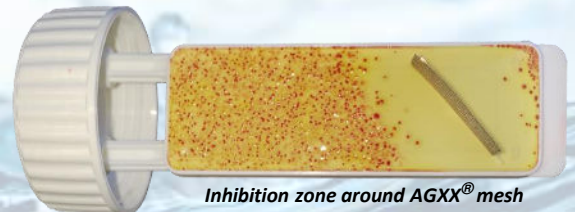


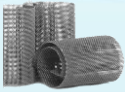



## The antimicrobial effect

The antimicrobial effect of the **ae-aqua** germ filter elements becomes clear through the formation of **inhibition zones**.

The special galvanic surface coating effectively kills germs on the tissue surface and in the surrounding fluid, including:

- ✓ Legionella
- ✓ Pseudomonas aeruginosa
- ✓ E.coli
- ✓ Yeast and Fungi
- ✓ Multiple Viruses (feline Caliciviren i.a.)



		from 0,1 l	35 – 100 l	800 – 7.000 l	Media pH 2 - 12	Remote monitoring	Purchase	Rental
ae-aqua mesh rings		✓			✓		✓	
T2-35 T2-70 T2-100			✓		✓		✓	
BigBlue Filter 10" 20"				✓ also > 7 m <sup>3</sup>	✓		✓	
ae-aqua Module				✓	✓	✓	✓	✓

**Take advantage of our expertise in a wide variety of process water applications. More information can be found here:**



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