



AQUATERRIS

SIMPLY CONTROLLING WATER PURITY 



www.aquaterris.com

THE NEXT GENERATION IN UV WATER DISINFECTION

With our patented UVI Tech technology we achieved to combine disinfection and the measurement of water quality in one device. The result, breakthrough simplicity of water treatment with unprecedented new functionalities. Aquaterris sets a new step in simplicity, control and purity of water around the globe.



WHY MORE IF LESS IS FINE

DEPENDING ON THE WATER QUALITY THE UV LAMP IS BEING DIMMED. THIS SAVES ENERGY AND EXPANDS LAMP LIFE.

In current devices you have to change the UV Lamp once a year, even if it is still working properly. In contrast to that, our device monitors the lamp and its functions. In future you will only have to replace the lamp when our device tells you so.

ONLY SAFE IS SAFE

THE UVI TECHNOLOGY ALLOWS TO MONITOR THE WATER QUALITY OF TREATMENT PLANTS THROUGH YOUR UV DEVICE AND IT'S AS SIMPLE AS NEVER BEFORE.

By measuring the chemical oxygen demand (COD), turbidity, UV transmission, flow and temperature in real time our device can say a lot about the quality of your water and the performance of your treatment systems function.

Result:

- Your water is 100 % safe at all time
- You can be sure your treatment systems function properly and if not the device will let you know immediately.



WATCH OUT PARTICLES

PARTICLES CAN INHABIT GERMS IN WHICH CASE UV LIGHT DOESN'T REACH THEM PROPERLY. PARTICLES ALSO HARM THE PIPING SYSTEM

The UVI technology makes it possible to detect particles. The operator will receive an alarm and suggestions of what can be done

SERVICE MADE EASIER

HOW ABOUT A SERVICE THAT HAS ONLY TO BE DONE WHEN IT IS REALLY NECESSARY?

Our UVI technology makes it possible! A constant operation monitoring tells you exactly what, when and how service needs to be done.

Our devices detect when:

- The UV lamp needs to be replaced.
- The quartz sleeve / sensors require cleaning.
- The organic compound is too high (COD).
- The turbidity is too high (+color, particles).
- The lamp or sensor is damaged.
- The plugs are not mounted properly.
- An electrical failure occurred.



UV-Device
Please clean the quartz sleeve within the next two weeks! See here how it works...

ADVANTAGES OF THE UV / TECH TECHNOLOGY

	STATE OF THE ART	UV / TECH
Cooling through dimming the lamp	○	●
Instructions in case of service and maintenance work	○	●
Instructions in case of failures	○	●
30 % optimized disinfection through turbulences	○	●
Recognition of harmful particles	○	●
Measuring COD, UVT, turbidity in real time	○	●
Dimming the lamp according to the water quality	○	●
Service	Once a year	Only if required
Lamp lifetime	9.000 - 16.000h	End of lamp life

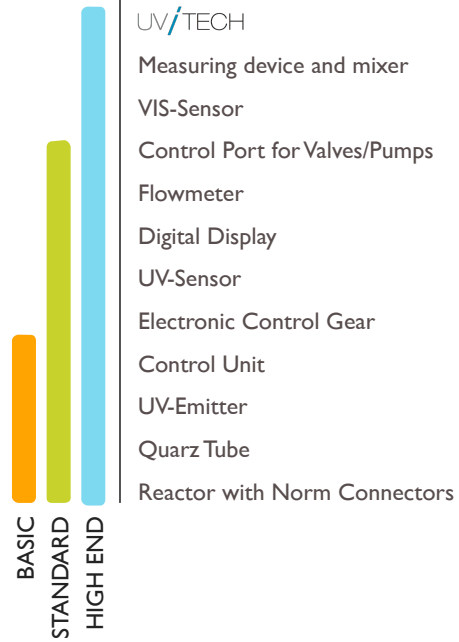
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MODELS TO DEAL WITH EVERY CHALLENGE

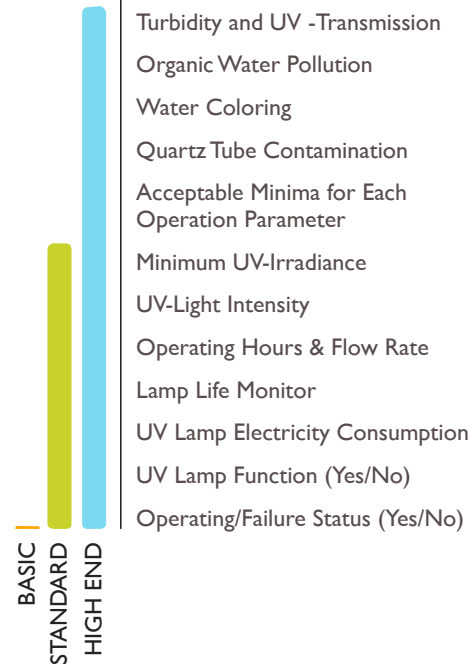
PRODUCTS

We offer three different models in order to meet various application needs. This allows us to provide individual and affordable solutions for various specific demands.

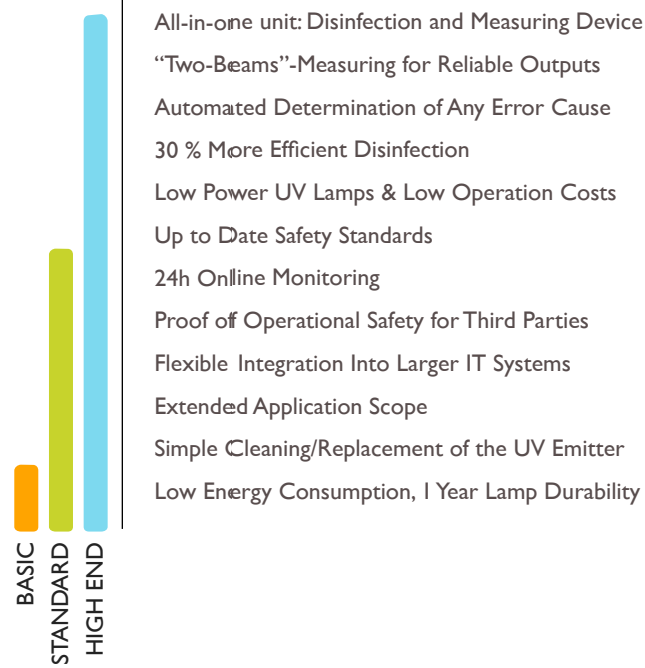
INCLUDED



CONTROL UNIT



ADVANTAGES



OPTIONS

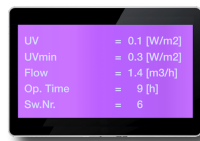
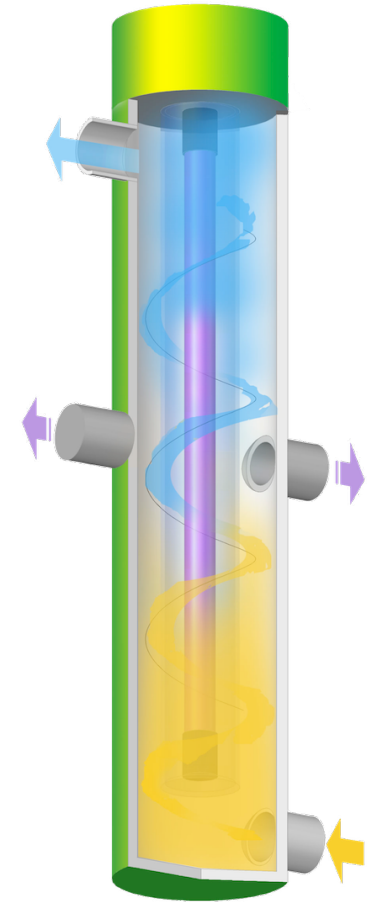
- Solar Powered
- Water Thermometry
- Flow Control
- Error Messaging SMS
- Online Monitoring
- Automated Report Generation

SIZE

Various Sizes Available

UPGRADE

- To Standard Series
- To High End Series



ABOUT US

We are an interdisciplinary team of four motivated entrepreneurs. We won the environment price of Innsbruck and received governmental funding for our intense R&D effort. Our goal is to set a new technology standard for UV disinfection and decentralized water treatment plants. To make water treatment simple and safe for everyone out there.



INDIVIDUAL SOLUTIONS

We provide our new UV/TECH technology for the following sectors



Decentralized water treatment

Recycling

Drinking

Waste

Process



SWIMMING POOLS



AQUA FARMING

WHY AQUATERRIS UV DISINFECTION

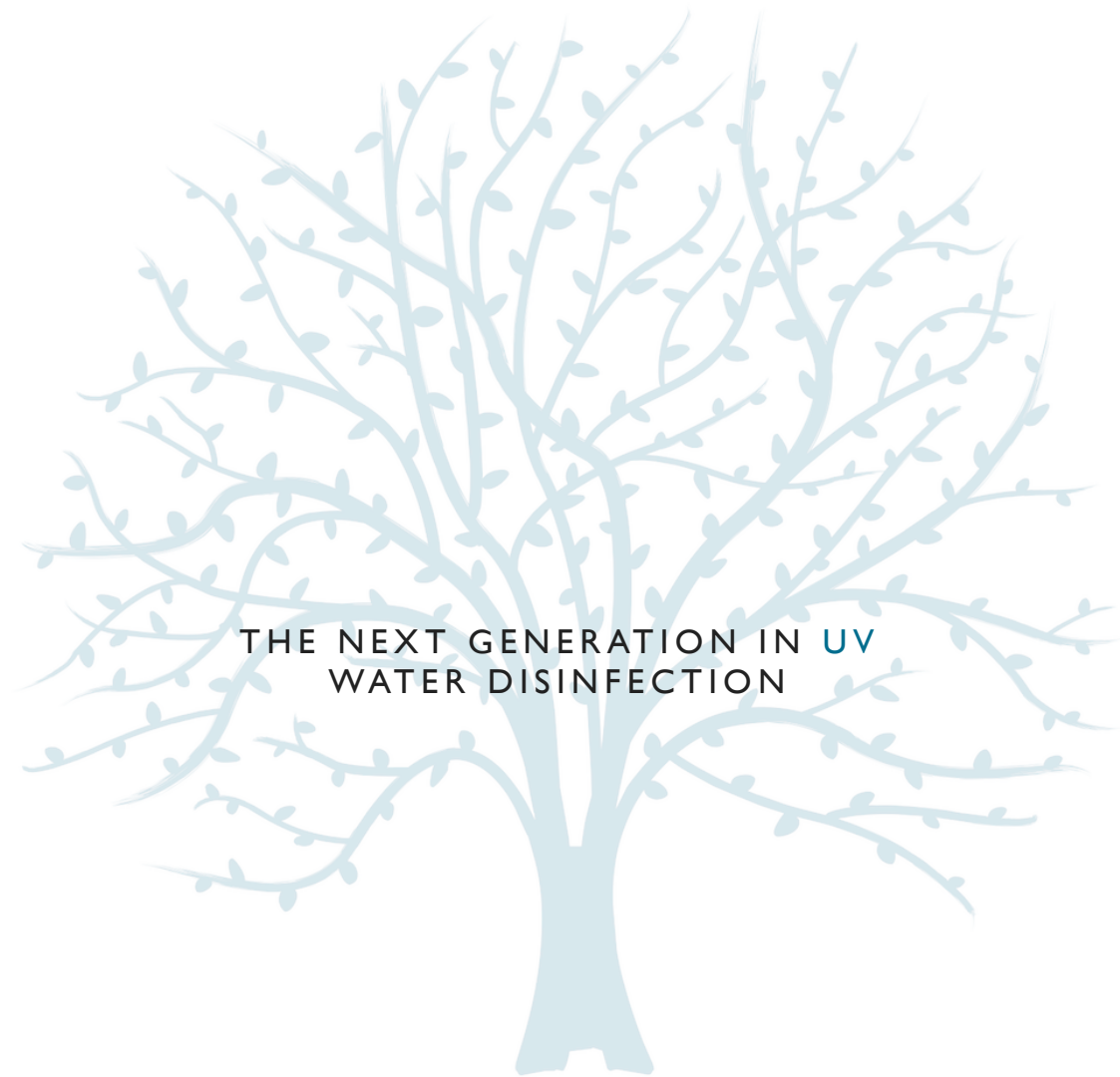
UV disinfection can be used for surface and well water treatment. Compared to other water treatment systems our method requires the lowest labor intensity, investment and running costs and there is no need to have skilled personnel operating the system. UV treatment is rapid, the taste of water remains unaffected. No harmful chemicals are used and the system is simple and therefore reliable.

We are currently technology leader in our field and the only company to manage the integration of real time water quality measurement into an UV disinfection device.



OUR PARTNERS





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WATER DISINFECTION

AQUATERIS

Beethovenstrasse 1 - A-6020 Innsbruck
AUSTRIA

T +43 (0) 699 110 35 923

E info@aquaterris.com

H aquaterris.com