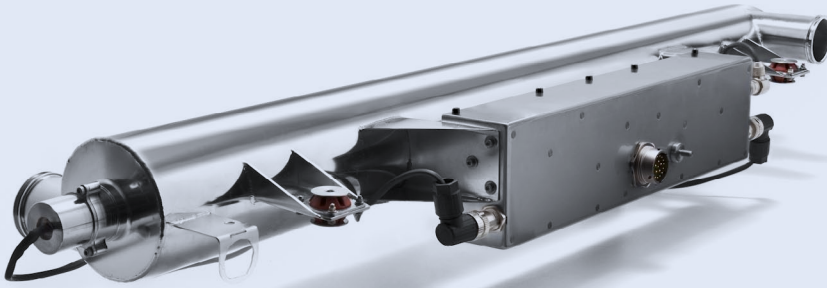


Treatment Module

The world's first Treatment Module based on UV light to disinfect water continuously during flight.



Characteristics

UV light is well suited for fighting detrimental microorganisms in an effective way. No chemicals are required. Taste, smell, and color of the water are not affected and there are no byproducts.

The treatment module has two operation modes:

- Water upload with a flow of up to 120 l/min, with two lamps switched on
- Continuously during flight with one lamp on

Benefits

- Designed to significantly reduce water system maintenance costs
- Able to exceed all worldwide standard disinfection performance requirements
- Extended service intervals due to alternating UV lamp operation

Main Components

- UV lamps
- Disinfection chamber
- UV sensors
- Electronic box
- Freezing protection

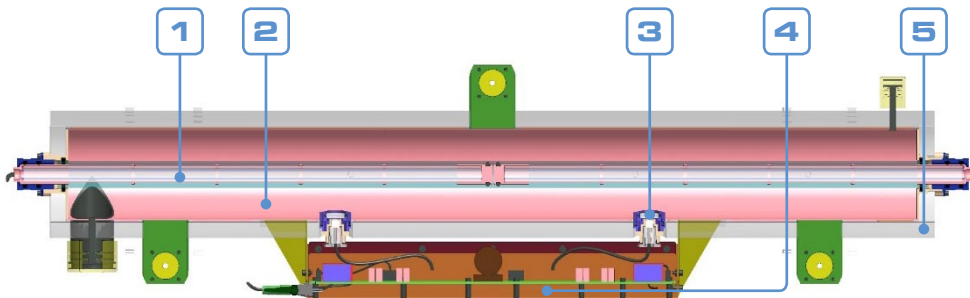
Treatment Module

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Supported by:

Federal Ministry
for Economic Affairs
and Energy

on the basis of a decision
by the German Bundestag



- 1) **UV lamps** emit UV light with antimicrobial effect.
- 2) **Disinfection chamber:** CFD-optimized flow for high disinfection efficiency
- 3) **UV sensors** monitor the UV intensity of each lamp.
- 4) **Electronic box** contains the controller and the electronic ballast units.
- 5) **Freezing protection** is provided by a heating mat and insulation at temperatures up to -55°C.

Technical Data

Light weight	less than 5.5 kg
Low power consumption	90 W during flight 190 W during upload
High disinfection capacity	up to 120 L/min

Want to know more about our products and their availability? Please contact us!

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