



HydroBio[®] Advance

The best choice for the monitoring of biofilms in your industrial systems

- Results just in time
- Continuous and reliable measurement
- Easy interpretation of the results
- Proactive decision making
- Use the right amount of products at the right time
- Robust and easy to handle

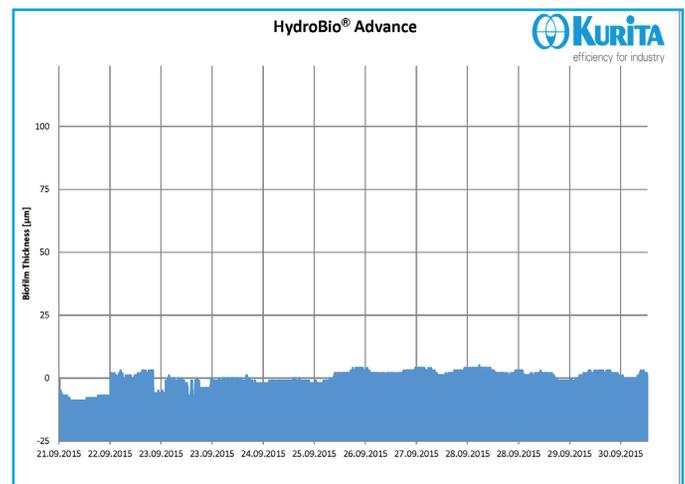
Continuous biofilm monitoring for an efficient biocide dosage

Efficient biofilm monitoring is the key parameter for a clean system and its smooth operation. To achieve this, a sensitive system for biofilm monitoring is necessary: **HydroBio® Advance**. At the same time, the measurement has to be robust, reliable and easy to install in any system. **HydroBio® Advance** achieves this combination by combining the sensor into a tube design. **HydroBio® Advance** monitors one of the major problems biofilms and other deposits cause: blocking of the heat transfer.

This effect is independent of the nature of the deposit or the appearance of the water. Therefore **HydroBio® Advance** will show immediately if there is a biofilm problem in your system. Your Kurita water expert will then help you to select and to apply efficient counter measures. Only a clean system without deposits can ensure smooth and efficient system operation and can help to avoid secondary effects like the growth of pathogen bacteria in biofilms like Legionella.

HydroBio® Advance Biofilm monitoring

- Tube sensor without dead spots
- Determines thickness, development, stability and detachment of biofilms
- Independent of the water turbidity and suspended solids
- Monitors cleaning efficiency on biofilms
- Start of correct counter measures
- Increased control of operation
- Improved control of biofilm formation and thus helping to reduce the source for Legionella



Biofilm monitoring and efficiency control of a Kurita biocide treatment

Optional sensors for optimal monitoring:

- Tube sensor for standard applications
- Tube sensor for sea and brackish water applications
- Board sensor for flat surfaces

HEADQUARTERS

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