



Wipers, Brushes and Sleeves

OPTIMIZE DISINFECTION. MINIMIZE ENERGY COSTS.

- Reduce absorption of UV from deposits on sleeves
- Glass free from scratches, cracks and fouling maximizes output
- Effective sensor brushes prevent wasting energy
- Keep feedback in control loop accurate
- Ensure stable UVC transmission and energy consumption



Wipers, Brushes and Sleeves KEY FEATURES

Keep wipers doing their job

Over time, the wiper ring wears down. Cleaning less effectively, this can lead to fouling and scaling, which reduces the amount of UV energy emitted.

Let the lamps do their job

WEDECO wipers have been third-party tested for efficiency and reliability. Only a genuine wiper fits perfectly with a WEDECO sleeve: the combination is the most effective way to avoid fouling and scaling.

Clear as water - quartz glass sleeves

Even the high quality glass used in WEDECO sleeves can, with time, become scratched and discolored. In addition, sudden changes in water temperature and pressure can result in cracks. Replacing sleeves optimizes transmission of UVC.

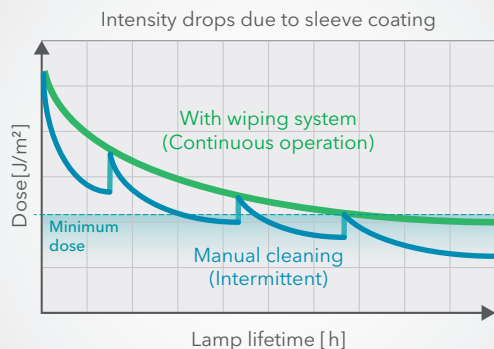


Effective brushing saves energy

To ensure cost-effective UV dosing, it's essential that the sensor brushes are in good condition. When they are not replaced regularly, they will not clean the sensor glass properly causing the system to generate excessive UVC.

Controlling the control loop

A sensor works together with the ballast and lamps in a control loop. If the sensor is not clean, it can return values that are too low. To compensate, the ballast feeds more power to the lamps, resulting in unnecessarily high energy consumption.



Optimize disinfection while minimizing energy costs

UV disinfection is only effective if the right dose of UV energy is absorbed by the targeted micro-organisms. Therefore it's essential to eliminate everything that can come in between the UV light source and the target. First you need high quality glass sleeves that are not scratched, cracked or discolored. Secondly, you have to keep the sleeves and sensors free from dirt. Only then can you optimize disinfection and minimize energy costs.

LIFETIME PERFORMANCE GUARANTEE

An increasing number of certification bodies - including NWRI and the EPA's UVDGM - demand the use of original components in water disinfection systems to achieve compliance. Xylem guarantees that your system will meet the specified disinfection targets for its complete lifetime on the condition that

Genuine WEDECO Parts are always used. However, we cannot guarantee disinfection targets or warranties if non-original parts are used.

ECORAY lamps are individually tested according to ISO 9001. Production and logistics are certified to ISO 14001.

All information is supplied without liability.