

How to Prevent “UV DOSE LOWER” Alarm from Being Issued (2)

We will provide information on cleaning UV reactor to prevent UV DOSE LOWER alarm.

One of the causes of the UV DOSE LOWER alarm is scale adhesion inside the UV reactor. Scale is adhered on the UV lamp protective tube over time and interferes with UV irradiation to the water to be treated, resulting in a decrease in UV dose. If the UV dose is less than the required amount, UV DOSE LOWER alarm is issued.

■ UV reactor cleaning schedule

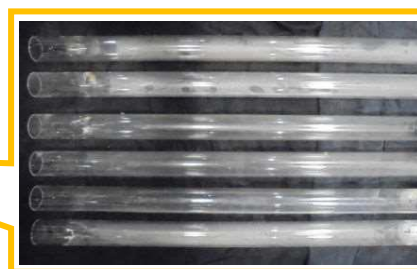
- Cleaning is recommended about once every six months.
- If scale is found as shown in the photograph on the right below when cleaning the UV sensor box (once a month is recommended) and checking the UV lamp protective tube from where the UV sensor box is removed, clean the UV reactor.



UV sensor box opening



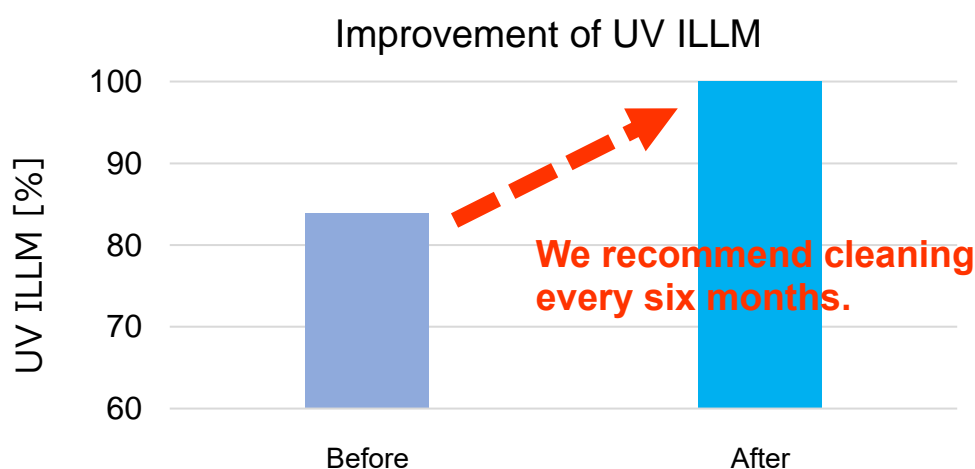
UV reactor



Scale on the UV lamp protective tube

■ Onboard test result

Onboard test was conducted and confirmed that cleaning the UV reactor improves UV Illuminance.



*Scale adhering condition will vary depending on the water quality and Miura BWMS usage condition.

*The effectiveness of cleaning depends on the Miura BWMS condition before cleaning.

Washing unit reduces your work!

Regular cleaning is essential to keep Miura BMWS performance.
We propose the use of cleaning unit to perform periodic cleaning.

■ Advantages of the Washing unit

- As cleaning agents are put into the tank of the cleaning unit, this eliminates the need to make cleaning solution in separate container, transport it, and then put it into the Miura BWMS.
- The hose is easy to connect and disconnect with one-touch operation.
- The cleaning unit is small and portable, allowing work to be performed at a safe work location.
- It can be used to clean filters as well as UV reactors.



Washing unit
Part No. A013-007-6000-7



Easy connection with hose



Charging agents into the tank

■ Cleaning agents for Miura BWMS

Part No. 0000-000-9315-0 / Scale destroyer (cleaning agents) IK-01 / 8kg/box (2kg/bag × 4)

Part No. 0000-000-9316-0 / Alkaline agent (neutralizer) IK-20 / 8kg/box (2kg/bag × 4)



Scale destroyer (cleaning agents) IK-01



Alkaline agent (neutralizer) IK-20

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