

Monthly Inspection and Improved Explosion Proof UV Sensor Box for Miura BWMS

The UV sensor box equipped in the UV reactor is an important component that allows the sensor to accurately quantify the UV dose received from the UV lamp. Proper maintenance will help maintain the performance of the Miura BWMS.

Therefore, we would like to introduce you to the proper maintenance procedures and the improved explosion proof UV sensor box.



1) Monthly inspection

Clean the glass surface of the UV sensor box. For detailed procedures, please refer to the operation manual.

✚ Poor maintenance may result in inaccurate UV dose detection and equipment malfunction.

2) Improved explosion proof UV sensor box (O ring structure) and periodic O ring replacement

Although the old explosion proof UV sensor box (sold before Aug-2023) required complete replacement if the glass cracked or water leaked from the seals, the improved UV sensor box with O ring structure is more durable and allows to replace internal parts by crew.

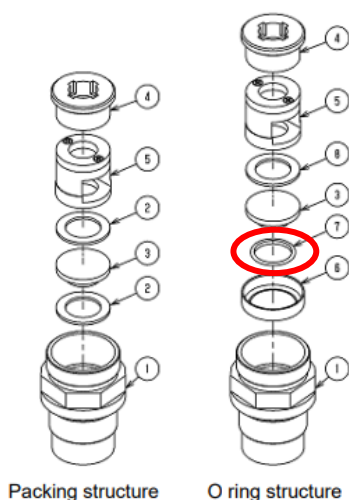
✚ The improved product can be replaced from the old structure product. (Some specifications require an updated operating program.) We are making improvements to provide more cost-effective and longer-lasting specification, so please consider upgrading to the improved UV sensor box.

✚ It is recommended that the O rings to be replaced every three years.

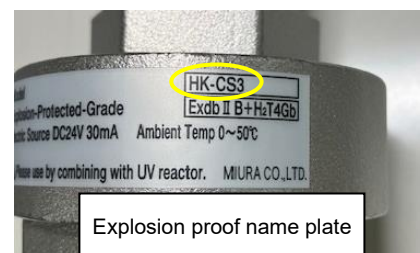
For replacement procedures, please refer to the operation manual.

✚ For calibration of sensors such as UV sensors, please refer to Service News Vol.60 below.

[Service News_Vol.60_en](#)



No.	Name
(1)	UV sensor box
(2)	Rubber packing
(3)	UV sensor glass
(4)	Spacer
(5)	Shutter ASSY
(6)	Glass cover
(7)	O ring for glass
(8)	Metal packing



<NOTE>

For HK-E (explosion proof) models, explosion proof name plate is attached on the side of the UV sensor box. You can confirm whether the packing structure or O ring structure is applicable with the name plate.

- HK-CS : Packing structure
- HK-CS3~6 : O ring structure (Improved structure)

Our Service Network can be found at URL or QR code below.

<https://www.miuraz.co.jp/en/group/>

If you have any questions, please contact your nearest one of our service offices.

We look forward to hearing from you.

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