

ULTRAAQUA UV SENSOR

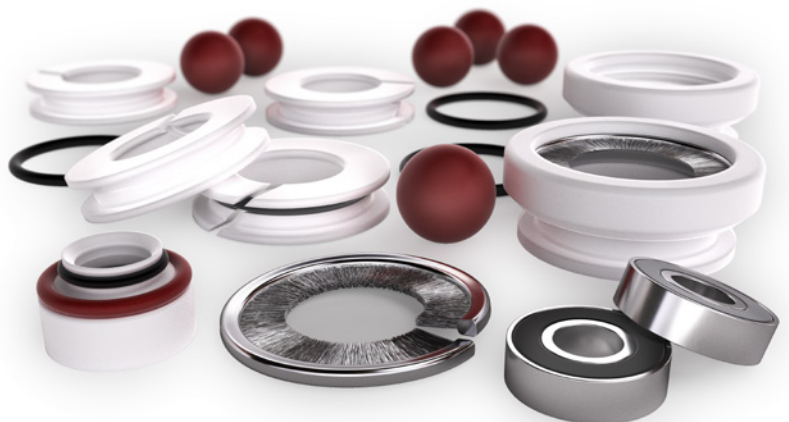


The maintenance of the UV sensor consists of wiping the head of the sensor (or sensor housing's head), so that the reading remains accurate. The first inspection should be done approximately one month after installation. If maintenance is manual, you should wipe the sensor head simultaneously with the quartz sleeves or if the reading is low/inaccurate. The UV sensors should be replaced every couple of years. **However, if the overall state of the UV sensor is adequate it is also possible to prolong its lifetime by re-calibrating it.** Just contact your local distributor or ULTRAAQUA UV office.

ITEM	REPLACEMENT
ULTRATHERM™ LAMPS	LOW PRESSURE > 16 000 HOURS MEDIUM PRESSURE > 9 000 HOURS
QUARTZ SLEEVES	> 24 000 HOURS
UV SENSORS	RECALIBRATE BI-ANNUALLY; CHANGE 3-4 YEARS

ULTRAWIPER™ MAINTENANCE

Regular service of the ULTRAWIPER™ system involves inspection and change of the wiper rings, spindle-seal and ball bearing. The inspection should be done annually and may also include wiper plate and spindle if values of dose, irradiance and or max flow are dropping. The remaining parts have long lifetimes. **The spindle seal and ball bearing must be greased well to prevent leakages and malfunctions.**



SPARE PARTS & MAINTENANCE

TIMELY REPLACEMENT OF SPARE PARTS ENSURES MAXIMUM LIFETIME & RELIABILITY OF YOUR ULTRAAQUA UV SYSTEM

ULTRAAQUA UV ULTRATHERM™ LAMPS

ULTRATHERM™ low-pressure UV-lamp and lamp driver technology results in a lifetime of 16,000 hours with medium-pressure - 9,000 hours.

Together with very high energy efficiency, this ensures the lowest possible operating costs for the user.

ULTRAAQUA UV QUARTZ SLEEVES

The ULTRATHERM™ quartz sleeves are made from the highest purity quartz available and have unlimited lifetime if not scratched or fouled. After the first three months of operation, the quartz sleeves should be inspected. From the observed condition of the quartz sleeve, estimate appropriate cleaning intervals. For manual maintenance, you may use the sponge to wipe out the dirt provided upon purchase of the UV unit or citric acid solution and cloth. If the fouling cannot be removed and the quartz sleeve is cracked or broken, it must be replaced immediately. The suggested replacement interval is <24,000 hours. O-rings should be replaced simultaneously with the quartz sleeves to ensure proper sealing and prevent wear over time.

ULTRAAQUA
UV DISINFECTION SYSTEMS

ULTRAAQUA UV SERVICE AGREEMENTS

To get the most out of your UV system, the company offers extensive service packages. ULTRAAQUA UV can send you a qualified engineer to assist in setting up your new ULTRAAQUA UV system and provide basic training or perform full service on all of your UV units when necessary.

SUPPORT@ULTRAAQUA.COM