

## 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.

SPARE PART

REPLACEMENT

ULTRATHERM™ LAMPS

> 16 000 HOURS

QUARTZ SLEEVES

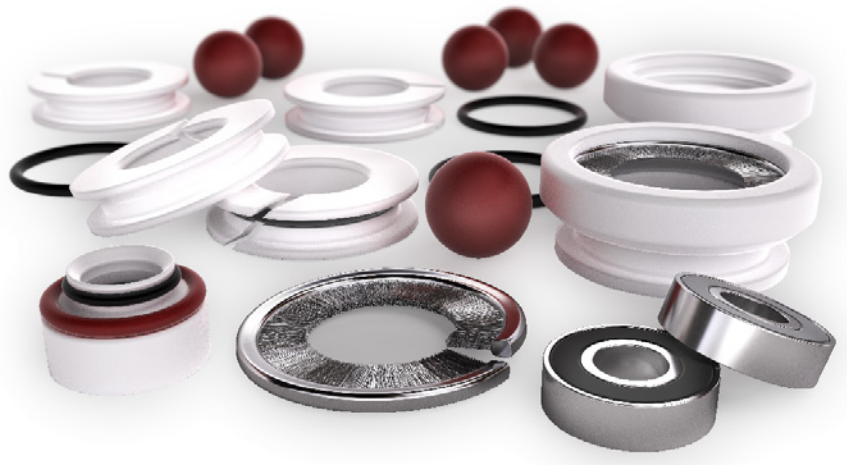
> 24 000 HOURS

UV SENSORS

RECALIBRATE BI-ANNUALLY; CHANGE 3-4 YEARS

## ULTRAWIPER™ PARTS

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™ UV-lamp and lamp driver technology results in a lifetime of 16,000 hours.

Together with very high energy efficiency, this ensures the lowest possible operating costs. It is suggested to replace them every <16,000 hours (approx. 2 years).

## 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 a 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 ensure that ULTRAAQUA UV customers get the most out of their 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 together with basic training or perform full service on all of your UV units when necessary.

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