



ECORAY[®] Upgrade Kits

ENSURE REGULATORY COMPLIANCE AND CUT ENERGY COSTS BY 30%



WEDECO
a xylem brand

Stay compliant and slash your energy costs by 30% with ECORAY Upgrade Kits

Is your WEDECO UV system more than five years old? If so, the consumables in your system are probably showing signs of age, which will ultimately result in declining system performance and rising energy costs.

The solution is simple: ECORAY Upgrade Kits. The core components of the kits are ECORAY lamps and ECORAY ballasts, which are designed for perfect synchronization and manufactured by us in our state-of-the-art factory in Germany. The kits also include wipers and brushes, as well as UVC sensors and/or sleeves. There are two kit types - Base and Complete - both of which are available for our TAK, K143, LBX and BX systems.



Base

- ECORAY lamp
- ECORAY ballast
- Wipers and brushes
- UVC sensor or sleeve

Complete

- ECORAY lamp
- ECORAY ballast
- Wipers and brushes
- UVC sensor
- Sleeve

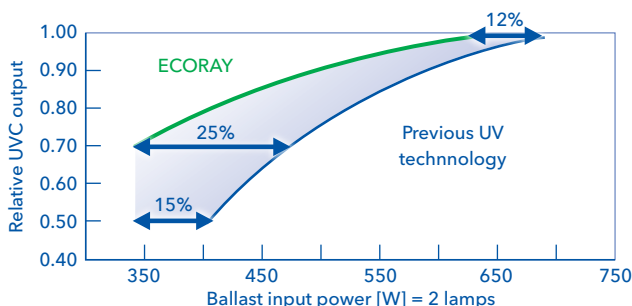
ECORAY® lamps

We manufacture ECORAY lamps ourselves at our factory in Germany according to the strictest requirements. ECORAY lamps are treated with our innovative protection layer DuraCoat, which results in more robust lamps that provide lower energy consumption and safer operation to achieve your disinfection goals. ECORAY Lamps are individually tested according to ISO 9001. Production and logistics are certified to ISO 14001.

ECORAY® ballasts

ECORAY ballasts are perfectly synchronized with ECORAY lamps to provide the best possible performance and reduce energy costs. ECORAY ballasts represent a new generation of intelligent lamp drivers, featuring improved aging properties and fully synchronized components.

Right output, less input



Independent 14,000 hours UV lamp tests attendance



Publicly appointed and attested by the Chamber of Industry and Commerce of Karlsruhe, Germany, as an authorized inspector for UV radiation technology.

1 Comparison of ECORAY ELR30 with SLR32143 4p HP (Spektrotherm). Variations are possible in the future in the case of replacement articles.
 2 Depending on lamp type, ballast used and the operational mode of the UV system.
 All Information is supplied without liability.

**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.

**Wipers and brushes**

Only a clean sleeve surface guarantees the highest possible UV dose without energy loss. Wipers and brushes that are working well are the basis for optimal performance and maximum energy savings. To optimize disinfection, regular replacement of wipers and brushes is recommended.

**UVC sensors**

Avoid the risk of unnecessary and easily avoidable energy wastage. With yearly reference measurements and genuine WEDECO sensors - certified by the supervisory authorities DVGW, ÖVGW and SVGW - you can optimize disinfection levels, while minimizing energy consumption.

**Sleeves**

WEDECO sleeves offer optimal protection against fractures caused by internal stresses, external mechanical forces, vibration and lamp-water temperature differentials. Highly robust and scratch-resistant, they also reduce fouling.

**Key benefits:**

- **Reduced operating costs - ECORAY lamps and ballasts use 30% less energy than previous generation technology^{1,2}**
- **14,000 hours operating warranty**
- **Lifetime Performance Guarantee**



Do you want more than 30% energy savings? Ask us about TotalCare Energy Audits.

Many of our customers have achieved energy savings of over 30% with the help of a TotalCare Energy Audit. Our worldwide network of certified technicians are available to audit your system and then use the findings to help you configure it to attain both optimal operating conditions and the largest possible cost savings. Contact your local WEDECO representative for details.



Design & Consultancy	Installation & Commissioning	Maintenance Contracts	Repair & Maintenance	Monitoring & Supervision	Inspection & Auditing
Plant Operation & Maintenance	Parts & Logistics	Rental & Onsite Services	Asset Refurbishments	Training & Technical Support	Financial Solutions

Xylem TotalCare is a comprehensive, integrated portfolio of services designed to ensure that your water and wastewater equipment keeps running at its best. Our team of knowledgeable and highly skilled technicians pride themselves on their ability to help customers optimize their operations by providing the right solution every time.



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