

# LOW-PRESSURE HIGH-OUTPUT UV LAMPS

**MARKET LEADING LIFETIME: 16.000H**

- Lamp replacement and quartz sleeve inspections can be done in two simple steps without the need of any tools
- Only quartz tube seal is changed regularly - all other components have very long lifetimes

## 350 SERIES



Ultratherm 350 longlife XLC low-pressure high output amalgam UV lamp

- Guaranteed lifetime 16,000 h
- Radiation flux 125 W at 254 nm (efficiency 36%)

## 220 SERIES



Ultratherm 220 longlife XLC low-pressure high output amalgam UV lamp

- Guaranteed lifetime 16,000 h
- Radiation flux 77 W at 254 nm (efficiency 35%)

## 75 SERIES



Ultratherm 75 longlife XLC low-pressure high output amalgam UV lamp

- Guaranteed lifetime 9,000 h
- Radiation flux 77 W at 254 nm (efficiency 35%)



Very easy maintenance

### Lamp replacement:

- Remove lamp plug by hand
- Retrieve and replace lamp



### Quartz sleeve inspection:

- Remove quartz nut by hand
- Retrieve O-ring and quartz sleeve

# CONTROL CABINETS

Ultraaqua control units are built to be durable and easy to operate. The design is based on feedback from numerous customers over time and reflects a "what you need to know when you need to know it" philosophy. Behind the simple appearance, our advanced PLC control system is constantly monitoring and adjusting the electrical parameters of each individual lamp to ensure their optimal performance.

- Touchscreens with intuitive menus
- Rigid corrosion-resistant Glass Fiber Reinforced Plastic (GFRP) or stainless steel construction
- High-quality digital lamp drivers with dynamic lamp control for optimum lamp performance
- Advanced cabinets for all low-pressure UV systems
- Installation voltage range for multi-lamp systems from 180v to 306v
- Remote control
- SCADA via modbus

## STANDARD CONTROL CABINET

Cabinet for SS, PP, and Channel series

- 3.5" multicolor touchscreen
- Individual lamp status indicators
- Manual dimming of lamps
- Remote or manual control
- System state outputs
- Lamp performance and lifetime monitoring
- Cabinet and reactor overheat protection
- Up to IP 66
- Operating temperature up to 50°C
- CE approved

## OPTIONS

Cabinet for ACN and VAL series - optional for other series

- Önorm approved UV sensor
- Intelligent fully automatic cleaning system
- 6-12" touchscreen
- Automatic lamp dimming (power save mode)
- Flow control/pacing
- Performance and event log
- Individual lamp ON/OFF switching
- SCADA via Modbus
- UL approved cabinets



Cabinets are available in  
GFRP - Stainless steel - Mild steel.