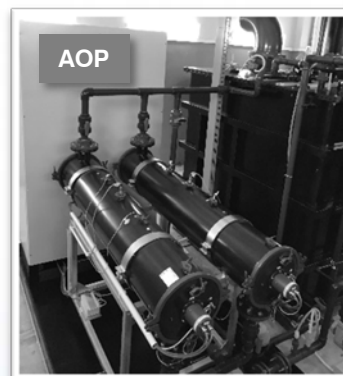
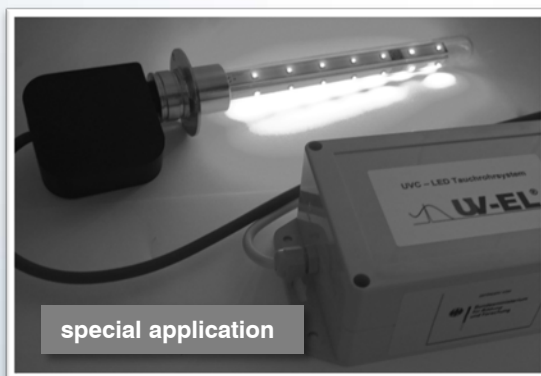
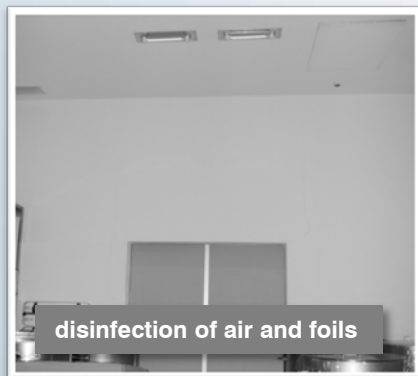
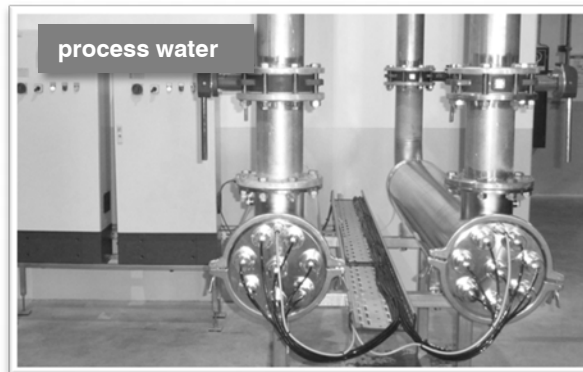


Your Custom Made UV Systems for Various Applications



**new
products**

Applications - high purity water



new products



UV Disinfection Systems for high purity water

Project UV-EL & Wilhelm Werner GmbH – Germany



high purity water



EL-LE series for disinfection

UV system with amalgam lamp

Type: EL-LE 054 for a flow of **5,7 m³/h**

Germany

[Informationens about the application from Wilhelm Werner GmbH - Leverkusen](#)

[Company information Wilhelm Werner GmbH - Leverkusen](#)



UV Systems of UXP PH series for destruction of residual ozone

- 10 different reactor types
- 2 custom made switch cabinets for all 10 reactors



Amount	type	fluence	flow
2	UXP PH 600	880 J/m ²	42 m ³ /h
2	UXP PH 900	912 J/m ²	56 m ³ /h
2	EL-PH 137	1.110 J/m ²	17 m ³ /h
2	UXP PH 1200	920 J/m ²	71 m ³ /h
2	UXP PH 600	1.200 J/m ²	31 m ³ /h



Further application examples in high purity water treatment



UV system in pharmaceutical design for residual ozone destruction

EL-PH 165 for 23m³/h

Turkey



High purity water treatment in the solar industry

UXP TC ME 121 for 20 m³/h

Germany



UV system in pharmaceutical design for residual ozone destruction

EL-PH 089 for 12m³/h

Germany



UV system in pharmaceutical design for residual ozone destruction

EL-PH 052 for 6m³/h

Turkey



Further current references under: <http://www.uv-el.de/produkte>



Applications - process water

high purity water



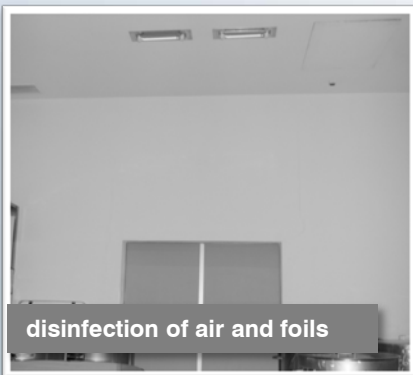
process water



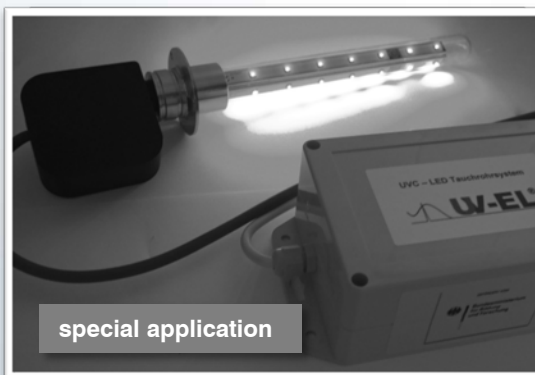
waste water disinfection



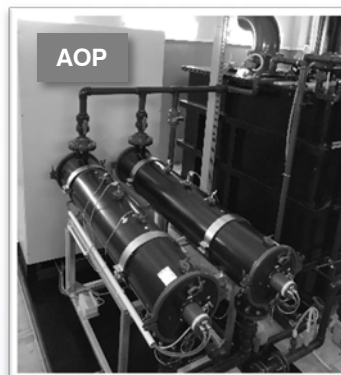
disinfection of air and foils



special application



AOP



new products



Disinfection of process water in the paper industry



UV system for
disinfection of process water
UXP P 4400 (340 m³/h)
Germany



UV system for
disinfection of process water
2 x UXP P 3200 (2 x 168 m³/h)
Germany



UV system for
disinfection of process water
UXP P 4400 (340 m³/h - 40°C)
Germany



Further application examples in process water treatment



UV system for
disinfection of process water
2x VAP-P 360 for 76m³/h
Germany



UV system for
disinfection of chemicals
4x VAP SD 75 for 1m³/h
Brazil



Disinfection of process water in the
chemical industry
4x VAP-AW 008 for 1m³/h
Germany



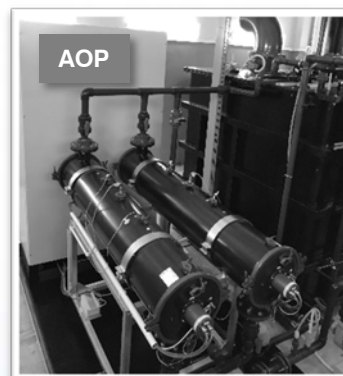
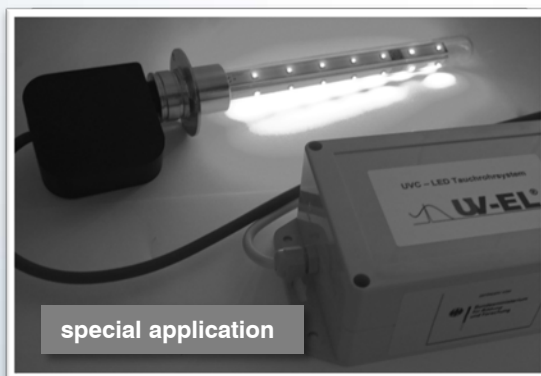
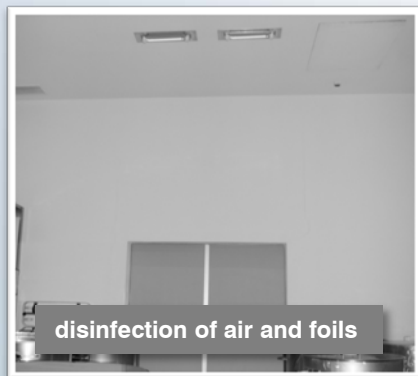
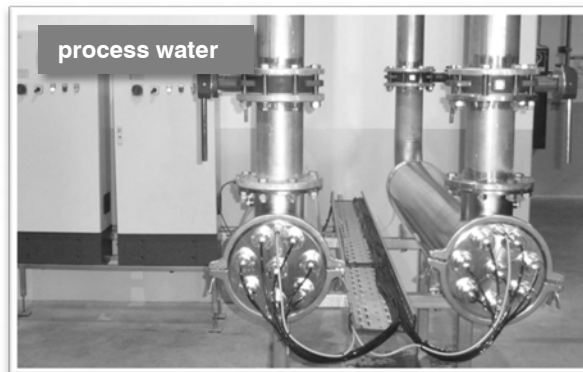
UV system for disinfection of process
water in horticulture
VAP SD 60 I for 200l/h
Germany



Further current references under: <http://www.uv-el.de/produkte>



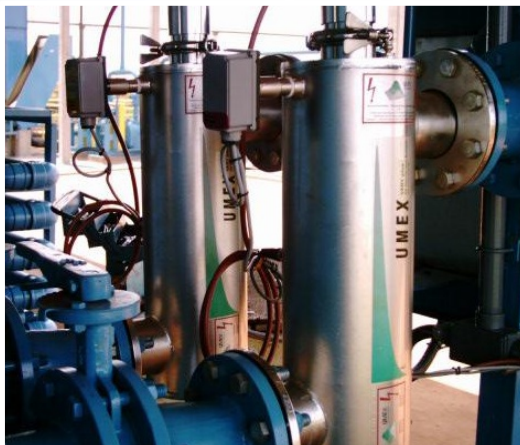
Applications – disinfection of waste water



new products



Waste water disinfection after a biological treatment

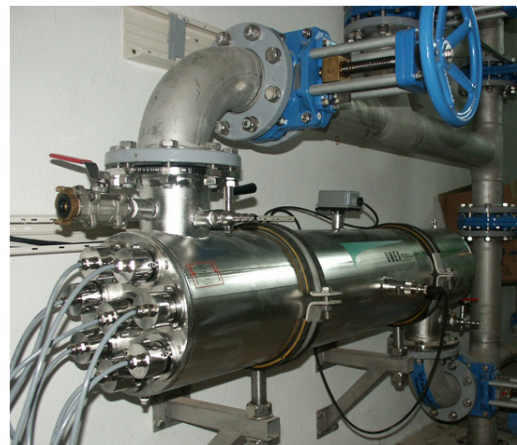


waste water disinfection in the chemical industry

UV system with medium pressure lamp

UXPM AW 23 D – flow: 25 m³/h

Brazil



Waste water disinfection in a sewage treatment plant, UV system with 8 low pressur lamps

UXP P 139 – flow: 50 m³/h

Germany

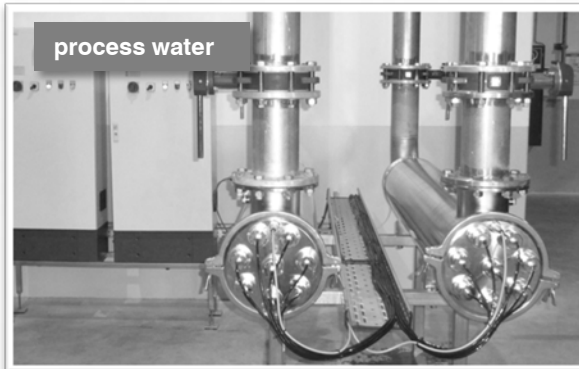


Applications - disinfection of air and foils

high purity water



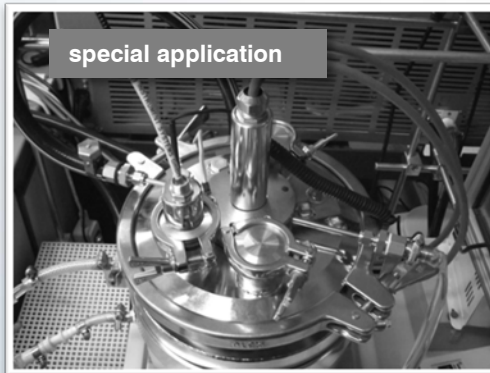
process water



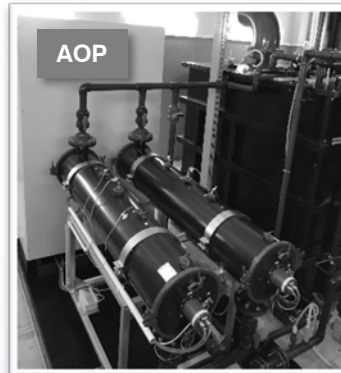
waste water disinfection



special application



AOP



disinfection of air and foils

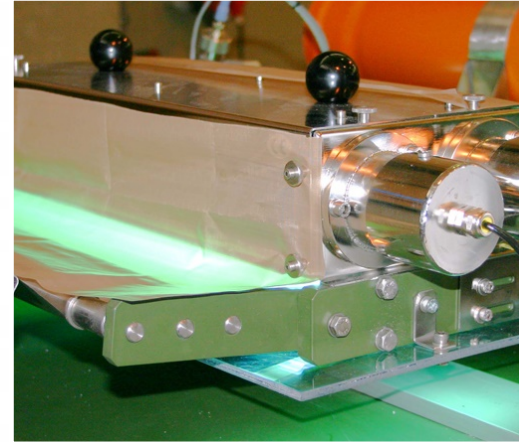


new products





UV system for disinfection of air in
storage rooms in the cosmetics industry
Germany



UV system for disinfection of foils
with low pressure lamps
incl. UV measurement
Germany





UV systems for air disinfection in
a brewery (project with Alpha Corp.)
Vietnam

VAP P Series

UV system with low pressure lamp

Type: VAP P 044 a

Power: 2 x 36 W

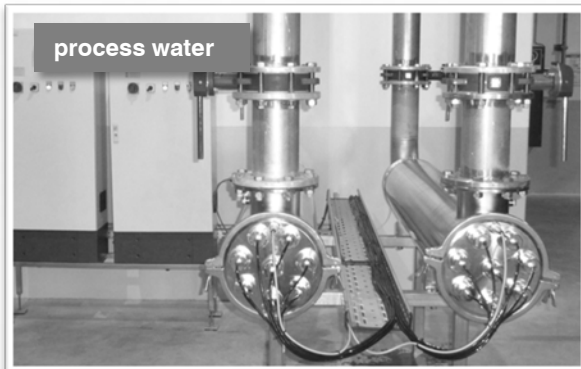
Application: Air disinfection in a brewery

Applications - AOP

high purity water



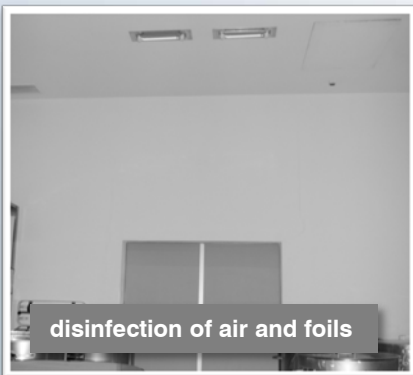
process water



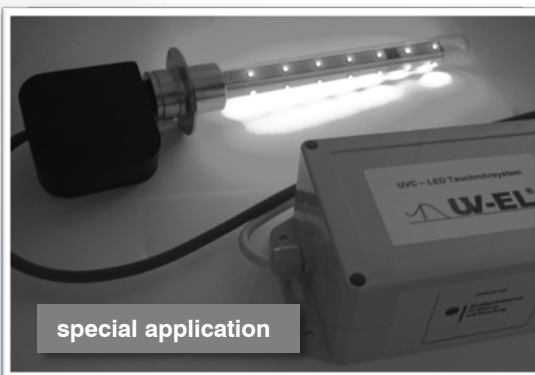
waste water disinfection



disinfection of air and foils



special application



AOP



new products



Waste water treatment of soil washing

Project UV-EL & AFU GmbH - Germany

Advanced Oxidation Process (AOP)



UXPM OX Serie - AOP - UV+H₂O₂

UV system with medium pressure lamp

- Type:** 3 x UXPM OX 11500
Power: 3 x 11,5 kW, adjustable
Application: Reduction AOX in wastewater of soil washing



In co-operation with:
AFU GmbH – Germany



Waste water treatment in microelectronics

Project UV-EL & V3 Corporation Ltd. - Russian Federation



Advanced Oxidation Process (AOP)



UXPM OX Serie - AOP - UV+H₂O₂

UV system with medium pressure lamp

- Type:** UXPM OX 11500 with special coating
for corrosive media
- Power:** 2 x 11,5 kW, regelbar
- Anwendung:** Reduzierung von EDTA im Abwasser



in Kooperation mit:
V3 Corporation Ltd. - Russian Fed.

v3@v3corporation.ru



Waste water treatment in aircraft industry

Project UV-EL & bi.bra Abwassertechnik - Germany

Advanced Oxidation Process (AOP)



UXPM OX PE Serie - AOP - UV+H₂O₂

UV system with medium pressure lamp

Type: UXPM OX 7000 E in plastic design
for corrosive media

Power: 2 x 7 kW, adjustable

Application: treatment of waste water with included complexing
agents from the aircraft industry

in co-operation with:

bi.bra Abwassertechnik - Germany

info@bi-bra.de



Waste water treatment in electroplating industry

Project UV-EL & bi.bra Abwassertechnik - Germany



Advanced Oxidation Process (AOP)



UXPM OX Serie - AOP - UV+H₂O₂

UV system with medium pressure lamp

Type: UXPM OX 7000 E
stainless steel

power: 7 kW, adjustable

Application: treatment of waste water in electroplating industry
(Hypophosphit-/Phosphitoxidation)

in co-operation with:

bi.bra Abwassertechnik - Germany

info@bi-bra.de



Further application examples



2 x UXPM OX 7000 E for AOP
treatment in process water
Brazil



UV system UXPM OX 7000 E
on a mobile frame
Germany



2 x UXPM OX 7000 E for the
removal of cyanide in
groundwater,
Germany



UXPM OX 2000 D test facility for
decoloration in cooperation with
IMETH (www.imeth.ch),
Sri Lanka



Further current references under:

<http://www.uv-el.de/produkte>

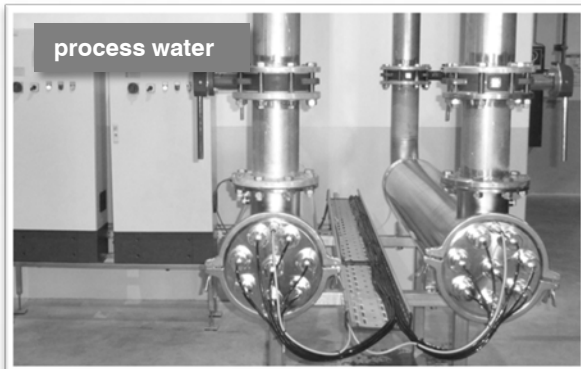


Applications - special UV systems

high purity water



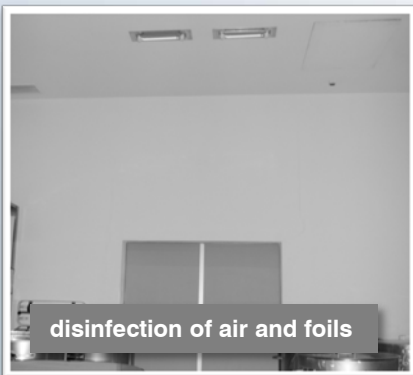
process water



waste water disinfection



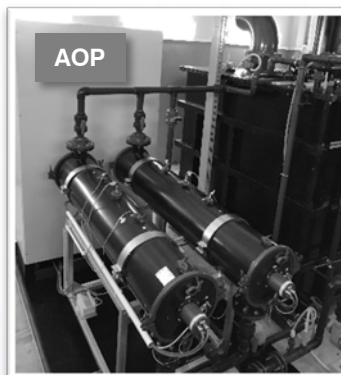
disinfection of air and foils



special application



AOP



new products



UVC LED - Immersion tube system based on high-power UVC LEDs



New UVC LED module

in cooperation with

Company [Bilberry Sp](http://www.bilberry.pl/) <http://www.bilberry.pl/>

(Lodz Poland)





UV-Disinfection System of Sugar
with very low UV-Transmission
Vietnam



Module for light exposure ($\lambda=320$ nm)
positive radiation geometry with
quartz and filter tube for wavelength selection
Germany





We will answer your questions with pleasure!



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