




**Custom Made
UV Equipments for
different applications:**

- Disinfection of process, drinking, swimming pool and waste water, air and surfaces
- Elimination of remaining ozone and TOC degradation in ultrapure water
- Degradation of chloramines in swimming pool water
- Wet oxydation with UV radiation for degradation of organic substances in the waste water



UV-Applications & Electrodeless UV-Lamps
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**Kundenspezifische
UV-Anlagen für verschiedenste
Anwendungen:**



- Desinfektion von Prozess-, Trink-, Bade - und Abwasser, Luft und Oberflächen
- Restozonvernichtung und TOC-Reduzierung im Reinstwasser
- Chloraminabbau im Schwimmbad
- Nassoxidation mittels UV-Bestrahlung zum Abbau organischer Wasserinhaltsstoffe



**Additional Products of
Complementary Company:**

UMEX GmbH Dresden

- New technologies for water and sewage treatment
- Implementation R & D tasks
- UV Special Equipment (Photochemistry)
- Biotechnological Processes and Systems
- Statistical Software Statgraphics

 +49 (351) 88 38 31 01
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www.umex.de



Your Custom Made UV - Application

www.uv-el.de



UV Reactor for special applications



UV Disinfection system with low pressure lamp
Power (60 .. 400 W)

UV Equipment for treatment of swimming pool water

UV Disinfection

Series **VAP P** with low pressure lamps
Power up to 400 W
Flow rate up to 50 m³/h

Degradation of chloramines

Series **UltraDis Q** with medium pressure lamps
Power up to 6.000 W
Flow rate up to 240 m³/h

Series **UltraDis E** with medium pressure lamps

Power up to 3.500 W
Flow rate up to 95 m³/h



UV Reactors of **UltraDis Series** with medium pressure lamps (Degradation of Chloramines)
Power 400 - 6.000 W of one Reactor



■ UV Disinfection
■ Degradation of Chloramines