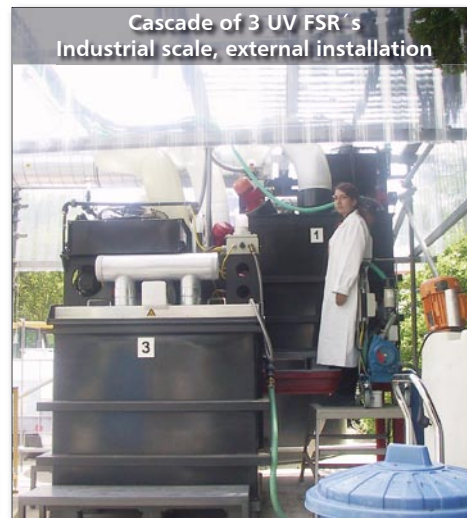
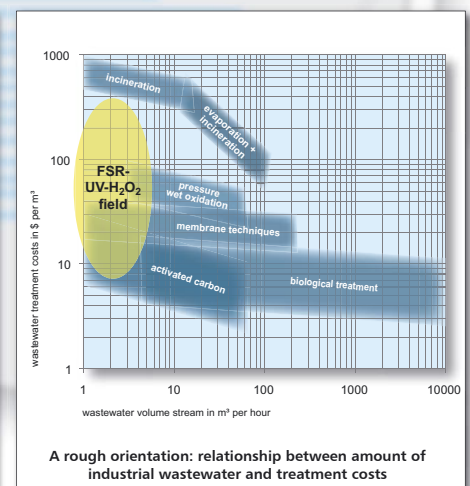
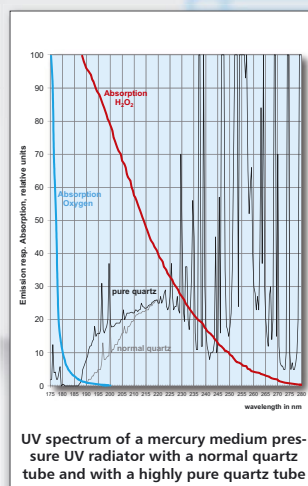
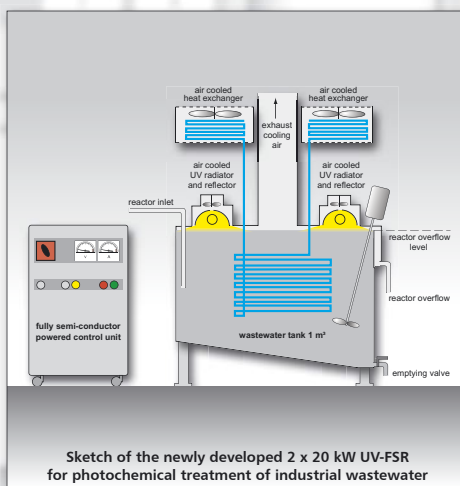


The UV Free Surface Reactor (UV FSR)

A new reactor for the photochemical treatment of industrial wastewater



- Highly powerful: 2 x 20 kW in one reactor
- No contact between UV-radiator and wastewater
- Never dirty coatings tank on the radiator surface
- Batch or continuous operation
- Advantageous cascade arrangement of FSR's
- Internal or external installation
- No corrosion: Wastewater contacted parts made of PE
- Modern lightweight semiconductor power source unit
- Wastewater and UV-radiator both aircooled
- Low-cost reactor design
- Easy replacement of UV-radiator and reflector
- User-friendly operation with a single push-button
- Simply movable with a forklift



University of Stuttgart
Institute of Sanitary Engineering, Water Quality
and Solid Waste Management
Department of Hazardous Waste and Contaminated Sites

contact: Professor Dr. Erwin Thomanetz
Bandtaele 1 · 70569 Stuttgart · Baden-Wuerttemberg · Germany
Tel: 0049-711-6 85-37 09 · Fax: 0049-711-6 85-76 34
E-mail: erwin.thomanetz@iswa.uni-stuttgart.de



Gesellschaft für
Chemischen und Technischen
Umweltschutz mbH

contact: Dr. Wolfram Schick (manager)
Heidehofstrasse 39 · 70184 Stuttgart · Baden-Wuerttemberg · Germany
Tel.: 0049-711-4 80 09 17 · Fax: 0049-711-48 73 12
E-mail: gctu@t-online.de