



wek-tec e. K.

offers Intense Pulsed UV and PEF customized R&D and pilot systems for food, pharmaceutical and cosmetic applications:

Wek-Tec was formed in 1996 in Heilbronn by Dr. Wekhof as his family company for designing, constructing and selling conventional UVC and pulsed UV R&D systems. Some were used in combination with cross-flow filter systems and got its first exposure in 1997 by a local business journal.

Dr. Alex Wekhof is recognized as an engineer – physicist specialized in intense pulsed UV light theory, applications and systems. His background includes also work on HV plasma systems for academic and industrial purposes, which later allowed him to develop unique R&D and Pilots for sterilization by sharp HV pulses (PEF).

He mostly became known for his ground-breaking works on how intense pulsed (UV) light can be used for purification and also in sterilization published in peer-reviewed journals in 1991, 1992, 1999, 2001.

Before that he held staff positions at the Lawrence Berkeley Lab (University of Ca.), at Intel Corp. in the Silicon Valley and co-founded UVERG Inc. in Oakland (1988-1992).

Since 2004 to 2018 the same business functioned as SteriBeam Systems GmbH, expanding also in HV corona Systems for gas purifications and Pulsed Electrical Fields (PEF) Systems for liquids sanitation. During this period, we sold mostly customized systems to universities and to government labs worldwide. Some our Pulsed UV systems are referred in scientific and industrial publications as also having one of best results.

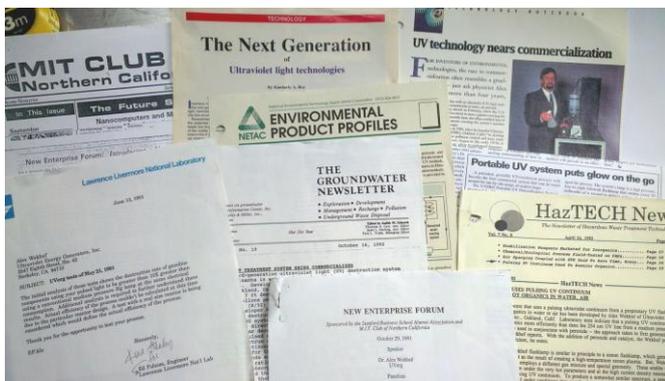
We continue as a supplier of customized R&D and pilot/small production of these systems using latest advances in Pulsed UV and Pulsed Electrical Fields (PEF) technologies. Our current products are presented at <https://www.wek-tec.de/wt-systems/Links to all our pulsed systems.pdf>. We also share our knowledge on these technologies with customers to help them to employ its advantages for their benefits. This is done through customer evaluation tests on our existing demo systems. For sales wek-tec provides standard warrantees and vendor CE certificates in line with our "Terms of Sale and Manufacturing" linked on one bottom of our Home Page.

To make these systems wek-tec has established suppliers who provide standard and custom parts, while local sub-contractors perform assembly and qualification tests, also now at wek-tec facilities. Our facilities include offices and technical rooms plus an assembly hall, fully equipped with all necessary tools and instrumentation. Our achievements are reflected briefly in <https://www.wek-tec.de/wt-info/Publications by us and about us.pdf>

Customers benefit from our broad experiences.

Wek-tec seeks a financial /industrial partner-investor to expand.

Reviews for our PUV work in USA, 1988-92



Major Reviews in EU, 1999+



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