



SteriBeam as of today offers 7+

our own sterilization and sanitation systems:

- 3x PUV R&D bench tops,
- 2xUV tunnels (PUV and UV-C),
- 2xPEF systems: pilot industrial 250-500l/h (**new**) + R&D bench top,
- + Vortex UV-C/PUV pilot unit for nutrient shreds or powders,
- + customization of each of above system.

We also restored our sterilization method with low energy electrons and ions. This batch method uses micro-waves at below atmospheric pressures.

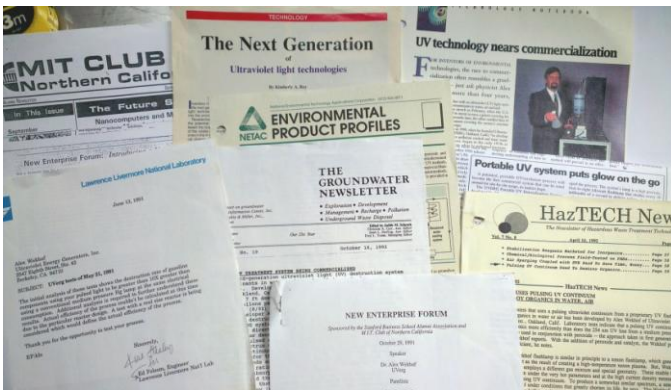
GmbH (Inc.) in 2004 by Dr. Alex Wekhof from his Wek-Tec GbR (1993-2004)

Since 1999 sold worldwide many PUV R&D bench-tops, which have been used for R&D and referred in respective scientific articles, plus Industry reviews.

Since 2011 SBS started to design and to sell turn-key UV Tunnels (PUV and UV-C), and since 2012 designed and sold bench-top R&D PEF systems.

Reviews for our PUV work in USA, 1988-92

Major Reviews in EU, 1999+, more in Info!



The above and other works of Dr. Alex Wekhof influenced its branch as one of first in Pulsed UV decontamination and sanitation. The first was by SF Chronicle in 1989 about his PUV work made at UVERG, Inc., where he was a co-founder. This followed by journals and newsletters in the branch. The first scientific publication in 1991 was on PUV decontamination processes with results of his joint work with local Bay Area companies (PG&E, Chevron, etc.). It was published by a peer review journal Environmental Progress (see in INFO), which followed by a joint publication with Livermore Nat. lab and Chemical Waste Management Corp.. Same year the Palo Alto newspaper (MIT Club) reported on Dr. Wekhof' presentation at the Innovation Meeting held yearly by the Stanford University.

Dr. Alex Wekhof' background is in pulsed and continuous UV /plasma generation and processes. It includes related electrical engineering and controls for respective systems. He worked at the Lawrence Berkeley Lab, at Intel and at National Semiconductor of Silicon Valley, 2 y. at each where upgraded plasma systems and its controls. SteriBeam customers benefit from the above for finding solutions to their problems. For management and marketing he went through on-site training programs.

The example of his recent finding was the white paper "Pulsed vs. Continuous UV for in-line Sanitation or Sterilization" presented as Industry News by popular professional websites. The Paper shows that unaware customers overpay up to 10 times as much for buying PUV modules elsewhere, whereas UV-C tunnels with most recent UV-C lamps meet all sanitation goals. Our next achievement, released by same websites and being prepared as a scientific article, is reaching 6 logs sterilization for the hardest UVC resistant spore B. Pumilus in a water solution by our standard 10 PUV pulses!

Capabilities:

SteriBeam Systems GmbH in partnership with local state-of-the-art companies designs and manufactures all our systems. In-time delivery, the systems quality and customer satisfaction remain our prime goals as ever. Our facilities are equipped with all necessary tools for measuring parameters of Pulsed UV and PEF systems.

We are in Kehl, a small city across the bridge over Rhine to Strasbourg.

We are to relocate by August 2017 to a city of Gottmadingen, next to the Canton Schaffhausen.

Reasons and Updates on our relocation are posted on our website in the Info.



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