Linked photo to our **UV pulsed systems:**

Available for delivery in 2 to 20 weeks:

INTENSE PULSED UV (PL) sterilization:

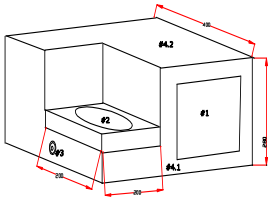
R&D SYSTEM XeMaticA-1L-Basic.
The most sold and referenced PUV system suitable for many tasks.
Off shelf, with 1-2 weeks delivery.

XeMaticA-1L-RepRate-V2 automatic R&D system with one water-cooled UV-enhanced flash lamp.

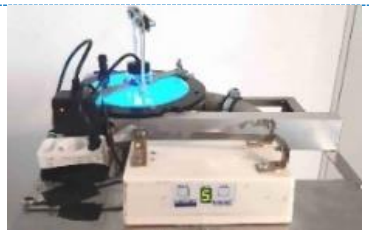
Off-shelf, readiness in 3 to 4 weeks.

Pulsed Electric Fields (PEF) Pilot dual System
with three PEF chambers:
- #1 is coaxial for deactivating bacteria by el. fields stretching,
- #2 is co-linear to de-activate all micro-organisms in juices,
- #3 – a flat designed PEF chamber for PEF assisted extraction of juices from hard to break vegetative cells, or for softening meat etc. tissues.

Off-shelf, readiness in 3 to 4 weeks.



10kV-400W PEF Lab System of dual application, **just evolved** from a custom order on a basic 10kV pulser. It is equipped with a flat PEF chamber data and with the coaxial output for an outside load. PEF flat cell has active round flat electrodes D140mm and a variable 5-20mm gap between.
Inexpensive & practical for universities or small food labs.
6 to 10 weeks delivery.



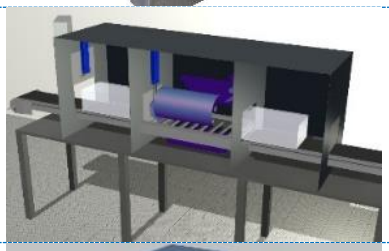
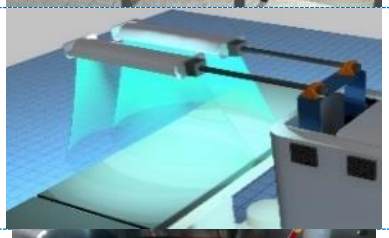
For R&D and piloting for sanitation of powders & shreds:
In the R&D Vortex a nutrition powder is circulated by a forced air flow *enriched with Nitrogen* around a long UVC lamp in its centre. A pilot flow through till 100kg/h is designed for an interested customer.
Off shelf, with 1-2 weeks delivery.

To be ordered with 3 to 4 months delivery

Bench-Top PEF Sterilization / extraction systems customized to fit R&D customer objectives. Coaxial cylindrical & flat PEF chambers with adjustable gaps. 3 basic types, sufficient for many modest R&D tasks.

XeMaticA-2L-FA-SE2 fully automatic R&D system with two water cooled flash lamps operated from the 5.7” touch-Screen display.

See page 2 below with more projects & sold systems:

	XeMaticA-FA-2xLamps Modules fully automatic as the R&D or as a conveyer ready system: the lower housing contains the power and control sections, the above under the same cover are the PUV chamber and the display. All 3 modules can be made detachable for conveyer mounting.
	Pulsed UV automatic tunnel manufactured and sold for flow-through products. Others can be the same or customized.
	Ready to produce Customized Pulsed UV movable systems for absolute sterilization of surfaces, air and clear infusion bags in hospitals.
	***Lab system with high pulsed magnetic fields*** up to 35 Tesla at the current maximum, calibrated as per a given chart.

Above systems can be licenced for customers own production.

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