



Facts about generator technology:

Scanning rate	4 x faster
ADC resolution	15 x higher
ADC scanning	10 x faster
New hardware components	25 x faster

Zimmer & Kreim GmbH & Co. KG
Beineäcker 10, 64395 Brensbach, Germany
Phone +49 (0) 6161 - 93 07 - 0
Fax +49 (0) 6161 - 93 07 - 73
Email info@zk-system.com

Generator technology
IPMtec

The start of a new period in eroding

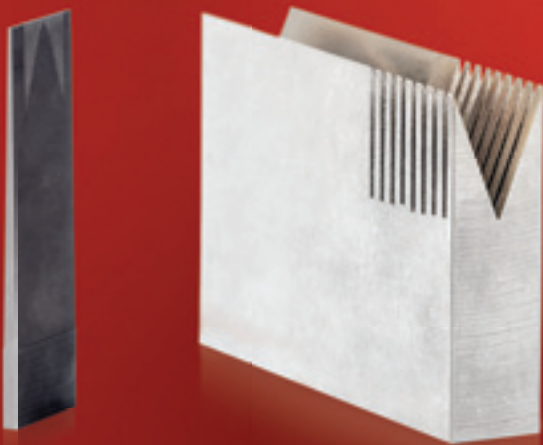
With the new generator technology Zimmer & Kreim offers you as a mold and tool manufacturer a real sensation. Our forward-looking platform leaves nothing to be desired. No matter with what materials you erode, no matter what tasks you face in your workshop.

The new solution is *IPMtec*. (Intelligent Pulse Modulation)

Available immediately for all new machines of the *genius* series.

What has changed?

A great deal! In short: the processing of your electrodes and workpieces is made faster, more precise and with even less wear from the ground up.



How have we managed this?

1. Due to new hardware components, the evaluation is 25x faster.
2. The *IPMtec* System developed by us guarantees precision and the most minimal wear. With the aid of Intelligent Pulse Modulation, we obtain the maximum from your eroding process. With the guarantee of even less wear to the electrodes, and even greater precision for all smooth surfaces. And best of all: even shorter processing times.
Example: Eroding in carbide and steel: 0.04 RA.
3. Our *IPMtec* evaluation is by a factor of 22 faster.
For you, this means more stable processes and a faster reaction on minor deviations.

Your benefit do this too!

On all *genius* machines: Inprocess electrode profiling a process which you can only achieve in this combination with ZK machines with the new generator technology.

Example

With the *genius* 700 and the new generator technology, graphite electrodes can be profiled to a minimum diameter of 0.15 mm and a length of 5 mm on the eroding machine in a graphite block.