



SAVE YOUR ENERGY!

Dear customers and partners.

Rapidly rising energy costs, looming energy shortages - the current situation is forcing us to look more intensive-ly than ever for ways to use energy even more efficiently.



At **kolb**, the greatest possible energy and water savings have been explicitly included in every specification for the new or further development of all **kolb** products for more than a decade. The results of this approach are benefiting our customers right now. For example, our cleaning systems have been equipped with the certified ENERSAVE technology package as standard since 2013, and we have been constantly optimizing it ever since.

As a result, our systems operate with the lowest power consumption in a competitive comparison, while at the same time delivering higher performance. Here are just a few examples of why this is so:

INTELLIGENT TECHNOLOGIES

- On average, **only 3 - 6 kW are required** (compared with up to 40 kW in a competitive comparison) to heat up the cleaner in the tank instead of in the chamber, as is usually the case.
- **Insulated sandwich walls** of the tanks mean faster heating of the tank liquids, short reheating times to maintain the temperature in the tank, and minimized heat energy dissipation to the environment.
- **Insulation of the cleaning chambers** ensures faster heating of the chamber and thus shorter process times and shorter process times and, here too, for minimized heat energy dissipation to the environment (which (which has to be cooled correspondingly less).
- The **VapourStop** option minimizes the evaporation of cleaning medium and water in **kolb** systems in which high-temperature cleaners are still used.
- The **patented technologies** CWA® (Compressed Warm Air - [learn more here](#)) and VMH® (Venturi Mixed Hot air - [learn more here](#)) provide high performance drying with minimal energy consumption.

STATE of the ART DETERGENTS

- We offer only high performance low temperature detergents.
- Their full performance range is already at 20 - 45°C and thus at the necessary viscosity to optimally clean e.g. 4 mil standoffs.
- **kolb** detergents therefore significantly save heating energy even at maximum output and are - among other things due to these low operating temperatures - extremely process stable, thus have a very long service life and are gentle on machines and material ([learn more here](#)).

Do you have questions about **kolb**'s energy-efficient systems or would you like to have our cleaners tested in comparison with, for example, high-temperature cleaners? Simply contact us at info@kolb-ct.com

Or meet us at

smtconnect
Nuremberg, May 10 - 12
Booth A4 - 420

We are looking forward to your visit.

Your kolb Team